



Radish, Red Prince

FOR 1963
PLANTING
WHOLESALE

Fine Strains
 VEGETABLE SEED
 FLOWER SEED
 and
 SUPPLIES



Hybrid Sweet Corn, Duet

LEATHERMAN SEED CO.

CANTON 2, OHIO
 Phone 452-4051
 Area Code 216

OFFICE AND RETAIL STORE
 501 McKinley Ave. N. W.

(SEND ALL MAIL TO THIS ADDRESS)

WHOLESALE WAREHOUSE
 1203 East Tuscarawas St.

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 AGRICULTURE



Our Warehouse 1203 East Tuscarawas—Plenty of Parking Space

A total floor space of 28,000 sq. ft. It is on a railroad siding with a 100 ft. loading dock. Plenty of loading and parking space.

Call here for pickup of Vegetable Seed, Farm Seed, Fertilizers, Spray Materials and other bulk supplies.
Phone GL 2-4051

Our Mailing Address—501 McKinley Ave. N. W.

This address is our Office and Retail Store. Call here for FLOWER SEEDS. **Phone GL 2-4051.**



TRADE ORGANIZATIONS

... have helped lead the way to better seeds and better ethics in the whole seed trade. We are proud to be members of

**The American
Seed Trade Association**

The Ohio Seed Trade Association

The Ohio Pesticide Institute

The Ohio Seed Improvement Association

The Ohio Vegetable and Potato Growers Association

TERMS AND CONDITIONS OF SALE

All Prices Are Subject To Change

Terms and Discounts

We suggest cash with order except when regular credit has been established.

CASH DISCOUNT ON VEGETABLE SEED IS 3%.

Cash discount on Flower Seeds—See table below.
Spray materials, etc.—Net Cash.

QUANTITY DISCOUNTS ON FLOWER SEEDS

Orders under \$5.00 — Net Cash

	Cash	Charge
\$ 5.00 to \$ 24.00	5%	3%
25.00 to 99.00	8%	6%
100.00 to 149.00	10%	8%
150.00 to 199.00	12%	10%
200.00 to 300.00	15%	13%

Charge accounts if paid in 10 days may deduct an additional 2%. Transportation is prepaid.

Winter and Spring Shipments—If not paid by June 10th or before, quantity discount on charge orders will not apply

When Ordering—State preference and proper address for mail, express, rail or motor truck.

Limited Warranty—Notice to the Buyer: READ THIS STATEMENT BEFORE OPENING CONTAINER. Subject to the limitation of liability herein set forth, we warrant that the seeds or bulbs sold are as described on the container, within recognized tolerances. OUR LIABILITY ON THIS WARRANTY IS LIMITED IN AMOUNT TO THE PURCHASE PRICE OF THE SEEDS OR BULBS. In no event shall we be liable for the crop, or for any loss due to negligence or resulting from failure, impairment or quality of the crop or varietal variance therein, whether such loss results from breach of the foregoing warranty, from breach of any other provision of the buyer's contract for the purchase of said seeds or bulbs, or from any other cause. Seeds or bulbs not accepted on the basis of the foregoing conditions of sale must be returned within 10 days in original unopened containers and the purchase price will be refunded.

Payment of Transportation—

Flower Seeds are all prepaid.

Small Vegetable Seed (that is all vegetable seed except Peas, Beans and Corn), are prepaid.

Peas, Beans and Sweet Corn. These catalog prices are F. O. B. CANTON—Not Prepaid. However . . . if Peas, Beans and Corn are ordered with small seed and the dollar value of the small seed is equal to or more than the dollar value of Peas, Beans and Corn, we will pay transportation, up to third parcels post zone (300 miles from Canton).

Fertilizers, Insecticides and Accessories. These materials are all F. O. B. Canton.

VEGETABLE SEEDS

Our seeds are truly bred from parents that meet requirements 100%. Single plant selections are made each year and the seed you get is directly descended from these perfect plants.

Strong germination is provided for by proper har-

vesting, cleaning and grading operations. Four to five tests are made of each seed lot. Seed that satisfactorily passes those tests has the vitality to make good growth in your fields under fair conditions of temperature and moisture.



VIGORPAK - VERIFIED SEEDS

A copy of "Asgrow Growers' Guide" is yours for the asking.

All Prices Subject to Change



ASPARAGUS

Mary Washington. Rust resistant.

oz. 20c, ¼ lb. 65c, 1b. \$2.00, 10 lbs. @ \$1.90 lb.

California or Washington 500. An earlier larger more uniform strain. Spears are dark green.

oz. 35c, ¼ lb. \$1.10, 1b. \$3.50, 10 lbs. @ \$3.40 lb.



Improved Resistant Tendergreen

BEANS. Dwarf Green Pod

Executive. New AA Medal Winner. Tendergreen type with darker green and smoother pods which are full round, long, slightly curved. Yields are concentrated and very heavy. Seeds are light buff.

5 lbs. @ 51c, 10 lbs. @ 49c, 25 lbs. @ 47c, 100 lbs. @ 45c.

Harvester. A variety of exceptionally high quality when picked before more than 10% of the pods have reached maximum size. Even at that stage Harvester yields very heavily. The plants are erect and vigorous, carrying the pods well up from the ground. Pods are round, practically straight, pack well, attractive in appearance. It is quite resistant to root rot and rust. Profitance. It is quite resistant to root rot and rust.

5 lbs. @ 44c, 10 lbs. @ 42c, 25 lbs. @ 40c, 100 lbs. @ 32c.

Resistant Tendergreen R. P. 50 days.

5 lbs. @ 40c, 10 lbs. @ 38c, 25 lbs. @ 36c, 100 lbs. @ 34c.

Resistant Asgrow Valentine. 50 days. Bred to replace Asgrow Stringless Black Valentine, retaining all the valuable characteristics of that variety plus resistance to common bean mosaic and the N. Y. variant strain of that virus. In trials it has also been found tolerant to powdery mildew compared with other snap beans.

5 lbs. @ 38c, 10 lbs. @ 36c, 25 lbs. @ 34c, 100 lbs. @ 32c.

Bountiful. 47 days. Most popular flat pod.

5 lbs. @ 36c, 10 lbs. @ 34c, 25 lbs. @ 32c, 100 lbs. @ 30c.

Burpee's Stringless R. P. 50 days.

5 lbs. @ 36c, 10 lbs. @ 34c, 25 lbs. @ 32c, 100 lbs. @ 30c.

Commodore Imp. R. P. 58 days. Dwarf Kentucky Wonder.

5 lbs. @ 52c, 10 lbs. @ 50c, 25 lbs. @ 48c, 100 lbs. @ 46c.

Contender. Round-Oval Pods. 48 days. Extra heavy yield-er, bred for resistance to mosaic and powdery mildew.

5 lbs. @ 38c, 10 lbs. @ 36c, 25 lbs. @ 34c, 100 lbs. @ 32c.

Dwarf Horticultural, Improved Long Pod Strain. 56 days, a vigorous prolific type producing 6 in. pods.

5 lbs. @ 38c, 10 lbs. @ 36c, 25 lbs. @ 34c, 100 lbs. @ 32c.

White Half Runner. Plant spreading with halfrunners, vigorous and very prolific. Beans may be used fresh, canned, frozen, or for dry beans. Seeds are white.

5 lbs. @ 42c, 10 lbs. @ 40c, 25 lbs. @ 38c, 100 lbs. @ 36c.

Topcrop, R. P. 48 days. Gives extra heavy yields of long, straight, handsome pods. Hardy, vigorous plants are resistant to bean mosaic, with concentrated pod set.

5 lbs. @ 42c, 10 lbs. @ 40c, 25 lbs. @ 38c, 100 lbs. @ 36c.

Wade Bush. R. P. 50 days. The plant is tall and vigorous, resistant to mosaic and some forms of mildew. The pods hold a fresh waxy appearance on the market for a longer period than other beans.

5 lbs. @ 44c, 10 lbs. @ 42c, 25 lbs. @ 40c, 100 lbs. @ 38c.

On all Beans—Less than 5 lbs. @ 10c per lb. advance.

BEANS. Dwarf Wax Pod

Cherokee Resistant Strain. 50 days. Oval pod. Called Wax Black Valentine.

5 lbs. @ 40c, 10 lbs. @ 38c, 25 lbs. @ 36c, 100 lbs. @ 34c.

Imp. Golden (Top Notch). 51 days. Oval Pods.

5 lbs. @ 42c, 10 lbs. @ 40c, 25 lbs. @ 38c, 100 lbs. @ 36c.

Pencil Pod Wax, R. P. 55 days.

5 lbs. @ 38c, 10 lbs. @ 36c, 25 lbs. @ 34c, 100 lbs. @ 32c.

Round Pod Kidney (Brittle), R. P. 53 days.

5 lbs. @ 42c, 10 lbs. @ 40c, 25 lbs. @ 38c, 100 lbs. @ 36c.

BEANS. Shell or Field

White Kidney.

5 lbs. @ 40c, 10 lbs. @ 38c, 25 lbs. @ 36c, 100 lbs. @ 34c.

Dark Red Kidney.

5 lbs. @ 36c, 10 lbs. @ 34c, 25 lbs. @ 32c, 100 lbs. @ 30c.

White Marrow.

5 lbs. @ 36c, 10 lbs. @ 34c, 25 lbs. @ 32c, 100 lbs. @ 30c.

Michelite Pea or Navy. Best of the small pea Bean.

5 lbs. @ 26c, 10 lbs. @ 24c, 25 lbs. @ 22c, 100 lbs. @ 20c.

Great Northern. Larger seeded than Navy.

5 lbs. @ 30c, 10 lbs. @ 28c, 25 lbs. @ 26c, 100 lbs. @ 24c.

On all Beans—Less than 5 lbs. @ 10c per lb. advance.

BEANS. Pole Limas

Challenger or Fordhook Pole. 92 days.

5 lbs. @ 44c, 10 lbs. @ 42c, 25 lbs. @ 40c, 100 lbs. @ 38c.

King of Garden. 88 days. Seed large, flat.

5 lbs. @ 40c, 10 lbs. @ 38c, 25 lbs. @ 36c, 100 lbs. @ 34c.

BEETS



Our uniform strain of Asgrow Wonder

Asgrow Wonder. 57 days. Excels in earliness and uniformity and depth of interior color. Roots round when young deep red, smooth with small tap root. Tops erect and dark green.

Oz. 15c, ¼ lb. 50c, lb. \$1.75, 10 lbs. @ \$1.65 lb.

Crosby's Egyptian. 60 days. Flattened globe.

Oz. 15c, ¼ lb. 50c, lb. \$1.50, 10 lbs. @ \$1.40 lb.

Detroit Dark Red, Short Top Strain. 68 days. Our strain of this variety is excellent. Roots deep oxblood red, smooth with small tap roots. Interior color dark red with very little lighter zoning. Tops comparatively short, dark green, sometimes tinged red. Downy mildew resistant.

Oz. 15c, ¼ lb. 50c, lb. \$1.60, 10 lbs. @ \$1.50 lb.

Ruby Queen. 57 days. Has smooth round roots with medium to dark red skin and solid interior color. Tops are short and dark green showing very little red. The quality is excellent.

Oz. 20c, ¼ lb. 55c, 1 lb. \$1.75, 10 lbs. @ \$1.65 lb.

BEANS. Bush Lima

Fordhook Regular. 75 days.

5 lbs. @ 40c, 10 lbs. @ 38c, 25 lbs. @ 36c, 100 lbs. @ 34c.

Fordhook 242. 75 days. Notably better for setting pods in adverse, hot, dry weather.

5 lbs. @ 42c, 10 lbs. @ 40c, 25 lbs. @ 38c, 100 lbs. @ 36c

Burpee's Improved. 75 days. Large flat seed.

5 lbs. @ 38c, 10 lbs. @ 36c, 25 lbs. @ 34c, 100 lbs. @ 32c.

Henderson's Baby Lima. 65 days.

5 lbs. @ 31c, 10 lbs. @ 29c, 25 lbs. @ 27c, 100 lbs. @ 25c.

BEANS. Pole

Kentucky Wonder. 65 days. Long, nearly round pods.

5 lbs. @ 38c, 10 lbs. @ 36c, 25 lbs. @ 34c, 100 lbs. @ 32c.

London Horticultural Cranberry. 70 days.

5 lbs. @ 41c, 10 lbs. @ 39c, 25 lbs. @ 37c, 100 lbs. @ 35c.

McCaslan Pole. 65 days. 7-8 in. long, thick flat pods. Pods stringless and tender when young. Seeds white.

5 lbs. @ 40c, 10 lbs. @ 38c, 25 lbs. @ 36c, 100 lbs. @ 34c.

BROCCOLI

Early Spartan. 10 days earlier than most varieties and range of maturity only 3 days. Short, compact plants with central heads 6 to 8 inches in diameter. Developed by the Michigan Experiment Station.

½ oz. 50c, oz. 85c, ¼ lb. \$2.60, lb. \$8.00.

Atlantic. Bred to replace Waltham for late summer, fall use, developing 2 weeks earlier. Very uniform in maturing with large compact head.

½ oz. 50c, oz. 85c, ¼ lb. \$2.60, lb. \$8.00.

Green Sprouting. 70 days. Early strain for market or freezing. Large compact dark green center heads with tight attractive buds. Matures uniformly, the lateral heads produced over a long season.

½ oz. 30c, oz. 55c, ¼ lb. \$1.65, lb. \$5.00.

Waltham 29. 75 days. Plants are dwarf and very compact producing main heads of uniform blue green color, followed by a heavy crop of large side shoots. Waltham 29 is widely adapted to late summer and fall harvesting.

½ oz. 35c, oz. 65c, ¼ lb. \$2.00, lb. \$6.00.

BRUSSELS SPROUTS

Long Island Improved, Catskill strain. 90 days. Plants 2 ft. tall, compact, producing a heavy crop of sprouts.

½ oz. 60c, oz. \$1.00, ¼ lb. \$3.00, lb. \$10.00.

Jade Cross. All-America Winner for 1959. Growing extremely vigorous and uniform, about 22 inches tall. It is heavier in yield and earlier than comparison varieties such as Long Island Improved Catskill.

¼ oz. \$1.25, ½ oz. \$2.00, oz. \$3.75.

CAULIFLOWER

Early Snowball. 55 days. Best for early crop.

½ oz. \$1.25, oz. \$2.40, ¼ lb. \$7.50, lb. \$25.00.

Snowdrift. 62 days. The most satisfactory main crop strain for fall harvest, doing well under a wide range of conditions. Plants have ample foliage for head coverage. The heads are pure white, large, very deep and solid.

½ oz. \$1.25, oz. \$2.40, ¼ lb. \$7.50, lb. \$25.00.



**HYBRID
EMERALD CROSS**



**WISCONSIN BALLHEAD
IMPROVED**

CABBAGE – Early Varieties

EMERALD CROSS—F1 HYBRID

An All-America Silver Medal Winner, Emerald Cross is of Copenhagen and Golden Acre type, a few days earlier than Copenhagen. The heads are about 7 inches in diameter, 6 inches thick, almost round, very compact with well-blanching short wrapper leaves. Very highly rated in trials throughout this country.

½ oz. 80c, oz. \$2.50, ¼ lb. \$7.50.

Bonanza. 75 days. Forms a small firm head early, then continues to grow, holding well in the field. Gives a long marketing period.

½ oz. 35c, oz. 65c, ¼ lb. \$2.00, lb. \$6.00.

Copenhagen Market. 69 days. Short stem exceptionally uniform strain.

½ oz. 30c, oz. 50c, ¼ lb. \$1.50, lb. \$4.50.

Early Jersey Wakefield. 63 days. Pointed head.

½ oz. 30c, oz. 50c, ¼ lb. \$1.50, lb. \$4.50.

Glory of Enkhuizen. 77 days. Large round heads.

½ oz. 30c, oz. 50c, ¼ lb. \$1.50, lb. \$4.50.

Golden Acre. 64 days. Very uniform strain.

½ oz. 30c, oz. 50c, ¼ lb. \$1.50, lb. \$4.50.

Red Acre. 74 days. Small, compact plant producing solid, hard, dark red leaved heads averaging 5 lbs.

½ oz. 40c, oz. 70c, ¼ lb. \$2.10, lb. \$6.50.

CABBAGE Chinese

Chihli. 75 days. Our strain is excellent.

oz. 25c, ¼ lb. 80c, lb. \$2.50, 10 lbs. @ \$2.35 lb.

Michili. 70 days. An improved Chihli, very uniform in size and heading, about 18 in. tall, 4 in. thick. Outer foliage dark green, interior well blanching.

Oz. 30c, ¼ lb. 90c, lb. \$2.75, 10 lbs. @ \$2.60 lb.

CARROTS



Empress

EMPRESS

Roots are trim shouldered long and slender with weight carried well down toward the tip. Empress has averaged about 9 in. in length with a larger percentage of 8 to 10 in. roots than other strains of the long Imperator type.

Oz. 30c, ¼ lb. \$1.15,
lb. \$3.50, 10 lbs. @ \$3.40 lb.

Chantenay Improved. The long type, 7-in. roots.

Oz. 20c, ¼ lb. 70c, lb. \$2.20, 10 lbs. @ \$2.10 lb.

Chantenay Red Core or Coreless. Shorter type, 5 in.

Oz. 25c, ¼ lb. 80c, lb. \$2.60, 10 lbs. @ \$2.50 lb.

Danvers Half Long. 7-in. roots.

Oz. 20c, ¼ lb. 70c, lb. \$2.20, 10 lbs. @ \$2.10 lb.

CABBAGE—Midseason and Late

Danish Ballhead. 103 days. Our short stemmed strain is exceptionally uniform in size and time of heading.

½ oz. 30c, oz. 50c, ¼ lb. \$1.50, lb. \$4.50.

Penn State Ballhead. 105 days. Extra hard heads.

½ oz. 30c, oz. 50c, ¼ lb. \$1.60, lb. \$5.00.

Late Flat Dutch. 100 days. Heavy yielder.

½ oz. 25c, oz. 40c, ¼ lb. \$1.20, lb. \$3.50.

Mam Rock Red. 100 days. Standard large red cabbage.

½ oz. 35c, oz. 65c, ¼ lb. \$2.00, lb. \$6.00.

Savoy Chieftain. 88 days. Best of the Savoy type.

½ oz. 35c, oz. 65c, ¼ lb. \$2.00, lb. \$6.00.

CABBAGE Yellow Resistant Varieties

Badger Market. 70 days. Produces a small solid head of trim appearance and lively green color. Plants compact, permitting close planting. Heads hold well. Excellent for muck soils.

½ oz. 35c, oz. 65c, ¼ lb. \$2.00, lb. \$6.00.

Greenback. 74 days. New yellows resistant Round Dutch. Vigorous, short stemmed, slow to produce seed stalks.

About same season as Marion, but darker green.

½ oz. 40c, oz. 70c, ¼ lb. \$2.15, lb. \$6.50.

Copenhagen Resistant. 72 days. Larger and later than Copenhagen with added advantage of yellows resistance. Uniformly round, firm, slightly bluish green heads of good market size, about 4 lbs.

½ oz. 40c, oz. 70c, ¼ lb. \$2.15, lb. \$6.50.

Resistant Golden Acre. Resistant Detroit. 64 days.

½ oz. 40c, oz. 65c, ¼ lb. \$2.00, lb. \$6.00.

Badger Ballhead. 100 days. A new yellows resistant variety for late summer and fall. Medium size, slightly flattened, very solid globe of bluish green. Tolerant to various mosaic viruses.

½ oz. 35c, oz. 65c, ¼ lb. \$2.00, lb. \$6.00.

Wisconsin No. 8. 105 days. Resistant Ballhead.

½ oz. 35c, oz. 60c, ¼ lb. \$1.75, lb. \$5.50.

Wisconsin All Seasons. 95 days. Yellows resistant drum-head type. Heads large, solid, thick flat.

½ oz. 35c, oz. 60c, ¼ lb. \$1.75, lb. \$5.50.

Wisconsin Ballhead, Improved. 100 days. Heads nearly round, solid and compact, with blue green leaves.

½ oz. 35c, oz. 65c, ¼ lb. \$2.00, lb. \$6.00.

Gold Pak. Excellent market carrot, very uniform roots 8½ to 10 in. long, smooth, with deep orange color. Strong matched tops make it ideal for bunching or cello-pack.

Oz. 30c, ¼ lb. \$1.00, lb. \$3.00, 10 lbs. @ \$2.90 lb.

Imperator Long #11. Root long (10 in.) tapering to semi-blunt tip. Flesh rich orange, fine grained and tender.

Oz. 30c, ¼ lb. \$1.00, lb. \$3.00, 10 lbs. @ \$2.90 lb.

Nantes Imp. Coreless. Slender, cylindrical, 6 inch roots.

Oz. 25c, ¼ lb. 80c, lb. \$2.50, 10 lbs. @ \$2.40 lb.

Nantes Strong Top. Special selection. 6 inch roots.

Oz. 25c, ¼ lb. 80c, lb. \$2.60, 10 lbs. @ \$2.50 lb.

Touchon. Slightly longer than Nantes.

Oz. 20c, ¼ lb. \$1.00, lb. \$3.00, 10 lbs. @ \$2.90 lb.

Waltham Hi-Color. Well named with long smooth roots of very attractive glossy orange color. On deep loose soils root will grow 9 to 10 in. long, slightly tapering. Tops are short but fairly strong.

Oz. 35c, ¼ lb. \$1.00, 1 lb. \$3.00, 10 lbs. @ \$2.90 lb.

CELERY

Giant Pascal. Tall late green celery.

½ oz. 35c, oz. 65c, ¼ lb. \$2.00, lb. \$6.00.

Summer Pascal Select Strain. Smooth, crisp, heavy stalks 8 to 11 inches long. Best green type for both early and late crops. Easy to blanch.

½ oz. \$1.00, oz. \$1.90, ¼ lb. \$6.00, lb. \$20.00.

Spartan 162. A green Celery with stalks of uniform size and height 34-26 in. Maturity 5 to 7 days later than Utah 52-70. Plants are compact with a full heart, petiole averaging 9 to 10 in. in length and are rounded, thick, fleshy, lightly ribbed with a slight flaring at base. Plants are resistant to magnesium yellowing.

½ oz. \$1.30, oz. \$2.50, ¼ lb. \$8.00, lb. \$25.00.

Compak No. 2. A very deep rich green Celery, plants averaging 19-22 in. with cylindrical stems 8 to 10 in. from first joint. Similar in type to 52-70 and adaptable to same conditions. However, Compak has better holding ability and is resistant to boron deficiency and partly resistant to magnesium deficiency.

¼ oz. \$1.00, ½ oz. \$1.75, oz. \$3.00, ¼ lb. \$9.50, lb. \$30.00.

Utah Pascal 52-70. Proving to be the largest and best Utah type yet developed. Tall strain, 28-30 in., with good heart development and better rib length than other Utah strains. Highly resistant to "brown check."

½ oz. \$1.30, oz. \$2.50, ¼ lb. \$8.00, lb. \$25.00.

Delmar. Utah type a week earlier than 52-70 with shorter thicker petioles. Delmar has good resistance to pithiness and is less liable to bolt.

½ oz. \$1.30, oz. \$2.50, ¼ lb. \$8.00, lb. \$25.00.

Tall Utah 52-70 H. A new strain of 52-70, slightly taller with longer ribs and higher rib count.

½ oz. \$1.30, oz. \$2.50, ¼ lb. \$8.00, lb. \$25.00.

Tall Pascal D5 (formerly 137). Tall dark green type, with resistance to yellowing and brown check.

½ oz. \$1.75, oz. \$3.00, ¼ lb. \$9.00.

CELERICAC. Prague. Turnip rooted celery.

½ oz. 40c, oz. 70c, ¼ lb. \$2.25, lb. \$7.50.

CHICORY. Large Rooted Madgeburg. Grown for greens and for the dried roots used as a supplement for coffee.

Oz. 25c, ¼ lb. 80c, lb. \$2.50.

CHICORY. Witloof French Endive. Used for greens.

Oz. 40c, ¼ lb. \$1.25, lb. \$4.00.

CHIVES. Allium Schoenoprasum.

½ oz. 65c, oz. \$1.15, ¼ lb. \$3.50.

COLLARDS — Please see page 6.

LEATHERMAN'S CUCUMBERS

Hybrid Varieties

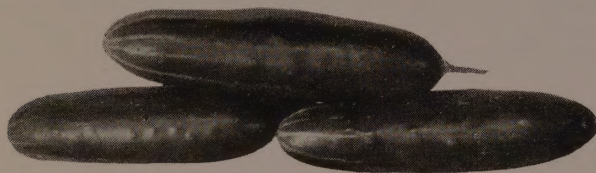
F1M Ashley. A hybrid slicer developed by a new method of breeding. F1M is similar to Ashley in color and size, 8½ to 9½ inches long, 2½ to 3 inches in diameter with a higher population of fruits per plant. The vigorous vines show tolerance to downy mildew and mosaic.

½ oz. 75c, oz. 1.25, ¼ lb. \$4.00, lb. \$12.00.

Burpee Hybrid (R). 60 days. Vines are long lived because of resistance to diseases, contributing to the heavy yield of handsome 8 in. fruits. An excellent white spined slicer for outdoor or greenhouse growing.

½ oz. \$2.25, oz. \$4.25, ¼ lb. \$12.50, lb. \$35.00.

(R)—Registered trademark of W. Atlee Burpee Co.



Marketer, The Market Leader

SLICING CUCUMBERS

Ashley. Heavy yielding and early. Ashley resembles Marketer in fruit type and size and holding shape and color well. It has high resistance to downy mildew.

Oz. 30c, ¼ lb. \$1.00, lb. \$3.00, 10 lbs. @ \$2.90.

Imp. Long Green. 70 days. Long tapered black spine.

oz. 25c, ¼ lb. 80c, lb. \$2.50, 5 lbs. @ \$2.40 lb.

Ohio MR 200. A mosaic tolerant slicer introduced by the Ohio Experiment Station. Similar in fruit size and appearance to Marketer. The most valuable feature is the ability to maintain normal vine growth and fruit appearance in spite of the presence of cucumber mosaic virus.

Oz. 40c, ¼ lb. \$1.15, lb. \$3.50, 10 lbs. @ \$3.40.

Straight 8. 60 days. Blunt 8 in. fruits.

Oz. 30c, ¼ lb. 90c, lb. \$2.85, 10 lbs. @ \$2.75 lb.

Jet—New Mosaic Resistant Slicer. A mosaic resistant white spine slicer developed from an F2 generation hybrid for shipment and local markets. Vines dark green, vigorous, prolific, giving a high yield of uniformly dark green fruits approximately 9 in. long and 2 in. diameter.

½ oz. 35c, oz. 60c, ¼ lb. \$1.90, lb. \$6.00.

Marketer. 68 days. The accepted standard for size, shape and color and the most widely used commercial variety. Fruits trim and slender, medium length (7½-8 in.). Very dark green. Plant our Asgrow (introducers) strain.

Oz. 25c, ¼ lb. 80c, lb. \$2.50, 10 lbs. @ \$2.40 lb.

Niagara. 60 days. Mosaic resistant dark green, resembling Cubit.

oz. 30c, ¼ lb. 90c, lb. \$2.75, 10 lbs. @ \$2.65 lb.

CUCUMBERS Pickling Varieties

Nappa 63. Developed by Asgrow and National Pickle Packers Assn. 63 has excellent color and shape and resistance to scab or spot rot and moderate tolerance to mosaic.

Oz. 25c, ¼ lb. 80c, lb. \$2.50, 10 lbs. @ \$2.40 lb.

Ohio MR 17. Excellent Mosaic Resistant pickler, somewhat slimmer and longer than National. Blocky with a slight taper, it is notable for dark green color.

Oz. 25c, ¼ lb. 80c, lb. \$2.50, 10 lbs. @ \$2.40 lb.

Wisconsin SMR 15. Resistant to Mosaic and Scab or Spot Rot, and in size and shape resembling National Pickle.

Oz. 25c, ¼ lb. 85c, lb. \$2.60, 10 lbs. @ \$2.50 lb.

Wisconsin SMR 18. Also Mosaic and Scab Resistant. In shape similar to Ohio MR17, but a few days earlier.

Oz. 25c, ¼ lb. 85c, lb. \$2.60, 10 lbs. @ \$2.50 lb.

Producer. 54 days. Tremendous yielder, white spined.

Oz. 25c, ¼ lb. 80c, lb. \$2.50, 10 lbs. @ \$2.40 lb.

Model W. S. 56 days. Very trim dark green.

oz. 25c, ¼ lb. 75c, lb. \$2.25, 10 lbs. @ \$2.15 lb.

Boston Pickle. 58 days. Uniform, slightly tapered.

Chicago Pickle. 59 days. Well warted, square ended

National Pickle. 56 days. Symmetrical, full ended.

Above Three

oz. 25c, ¼ lb. 70c, lb. \$2.00, 10 lbs. @ \$1.90 lb.

HYBRID SWEET CORN

Our strains are carefully grown under exacting supervision, and we believe the varieties offered cover the needs of your markets. Listed in order of earliness the number of days indicates time required to reach edible stage.

Our Hybrid Sweet Corn is all treated and graded. Prices subject to change.

New for '63. See front cover.

Duet. 83 days. A prolific, excellent quality variety with cylindrical ears 7-9 in. long and 14 to 16 rows of bright yellow kernels. Plants are medium large, generally suckerless, producing two ears under favorite conditions. Has excellent wilt resistance, and is tolerant to drought.

5 lbs. @ 64c, 10 lbs. @ 62c, 25 lbs. @ 60c, 100 lbs. @ 58c.

SWEET CORN Yellow Hybrids

Gold Crest. 65 days. Ears are 7½ to 8 in. long, mostly 12 rowed with good quality. Bright yellow with light interior silk and good husk cover. Stalks sturdy, 5 ft. tall, showing good tolerance to bacterial wilt.

5 lbs. @ 68c, 10 lbs. @ 66c, 25 lbs. @ 64c, 100 lbs. @ 62c.

Seneca Dawn. 70 days. For an extra early, Dawn has a remarkably large ear, 12 to 16 rows, 7½ inches long. Stalk height 5 ft. Does well in Ohio.

5 lbs. @ 64c, 10 lbs. @ 62c, 25 lbs. @ 60c, 100 lbs. @ 58c.

Earligold. 75 days. Ears 7½ in. long, 12 rowed. Stalks 6 feet. Bears up well even in adverse weather. Bright yellow kernels of good quality and flavor.

5 lbs. @ 58c, 10 lbs. @ 56c, 25 lbs. @ 54c, 100 lbs. @ 52c.

Morning Sun. 76 days. In season with Marcross, it is exceptional in quality; very sweet and tender. Also outstanding in yield, the ears cylindrical 14-16 rowed and well filled to tips. Kernels rich yellow and deep.

5 lbs. @ 54c, 10 lbs. @ 52c, 25 lbs. @ 50c, 100 lbs. @ 48c.

Marcross C13-6. 76 days. For second early crop for fresh market. Stalks 5½ feet with fair resistance to wilt.

5 lbs. @ 51c, 10 lbs. @ 49c, 25 lbs. @ 47c, 100 lbs. @ 45c.

Golden Beauty. 75 days. Ears thick, tapered, rich yellow and excellent flavor of good quality and heavy yield. Ears 6½-7 in. long. Stalks 5½ ft.

5 lbs. @ 56c, 10 lbs. @ 54c, 25 lbs. @ 52c, 100 lbs. @ 50c.

Gold Rush. 78 days. Ear 8 in. long. Stalk 6 ft. Gold Rush matures quickly and holds well in eating stage.

5 lbs. @ 62c, 10 lbs. @ 60c, 25 lbs. @ 58c, 100 lbs. @ 56c.

Sugar King. 78 days. Ear 7½-8 in., 14 to 16 rowed and cylindrical. Stalks 6-7 feet tall. The husks are dark green, covering the tips well. High quality.

5 lbs. @ 56c, 10 lbs. @ 54c, 25 lbs. @ 52c, 100 lbs. @ 50c.

Asgrow Golden 22. 79 days. Maturing with Carmelcross but more vigorous and somewhat higher yielding with larger heavier ears. Ears are tapered, well filled to tips, borne about 20 inches above ground. Kernels medium depth and width, of good flavor. Plants are highly wilt resistant.

5 lbs. @ 64c, 10 lbs. @ 62c, 25 lbs. @ 60c, 100 lbs. @ 58c.

Carmelcross. 79 days. Ear 7 in. long. Stalks 5½ ft. Ears borne at about 15 inches. Fairly resistant to wilt.

5 lbs. @ 52c, 10 lbs. @ 50c, 25 lbs. @ 48c, 100 lbs. @ 46c.

NK 199. 84 days. Large blocky ears, 7½-8 in. long with 18-20 rows of narrow, deep kernels. Plants are tall and sturdy with ears at 36 in. height with few suckers.

5 lbs. @ 58c, 10 lbs. @ 56c, 25 lbs. @ 54c, 100 lbs. @ 52c.

On all Corn—Less than 5 lbs. @ 10c per lb. advance.



ASGROW GOLDEN 22

Golden Cross Bantam. 85 days. Ear 8 in. Stalk 6 ft. The standard in quality and our strain is unexcelled.

5 lbs. @ 51c, 10 lbs. @ 49c, 25 lbs. @ 47c, 100 lbs. @ 45c.

Golden Security. 85 days. Ear 8½ in. long. Stalk 7½ ft. Noted for heavy yield as well as quality. Long tight husks give excellent ear protection.

5 lbs. @ 64c, 10 lbs. @ 62c, 25 lbs. @ 60c, 100 lbs. @ 58c.

Merit. 87 days. Ears 8 inches long with very deep kernels. Excellent mid-season yellow hybrid, plants vigorous with resistance to drought and bacterial wilt.

5 lbs. @ 64c, 10 lbs. @ 62c, 25 lbs. @ 60c, 100 lbs. @ 58c.

Calumet. 86 days. Ear 8½ in. long. Stalk 7 ft. Calumet has the ability to yield well even under adverse conditions, tolerant to heat and drought and highly resistant to wilt. Uniform in maturity. Ears are long, slender, well filled to tip.

5 lbs. @ 61c, 10 lbs. @ 59c, 25 lbs. @ 57c, 100 lbs. @ 55c.

Lochief. 87 days. Ear 8-9 in. long. Stalk 7 ft. Heavy cropper of excellent quality. Ears are borne about 30 in. Kernels are narrow, deep. Plants have excellent resistance to wilt.

5 lbs. @ 58c, 10 lbs. @ 56c, 25 lbs. @ 54c, 100 lbs. @ 52c.

Deep Gold. 87 days. An 18 to 22 rowed corn with thick, tapered 8 in. ears and very deep, tender kernels.

5 lbs. @ 64c, 10 lbs. @ 62c, 25 lbs. @ 60c, 100 lbs. @ 58c.

Victory Golden. 88 days. For roadside stands and local market where quality as well as yields is important. Plants yield 2 ears well protected from worms. Kernels narrow, deep, of superior tenderness and flavor.

5 lbs. @ 64c, 10 lbs. @ 62c, 25 lbs. @ 60c, 100 lbs. @ 58c.

Ohio Gold 1. 91 days. Ear 8 in. long. Stalk 7½ ft.

5 lbs. @ 52c, 10 lbs. @ 50c, 25 lbs. @ 48c, 100 lbs. @ 46c.

SWEET CORN. White Hybrids

Country Gentleman. 99 days. Ear 8 in. long. Stalk 7 ft.

5 lbs. @ 58c, 10 lbs. @ 56c, 25 lbs. @ 54c, 100 lbs. @ 52c.

Stowell's Hybrid. 93 days. Ear 8 in. long. Stalk 8 ft.

5 lbs. @ 51c, 10 lbs. @ 49c, 25 lbs. @ 47c, 100 lbs. @ 45c.

SWEET CORN. Open Pollinated

Golden Sunshine.
Golden Bantam.
Golden Bantam Improved.
Bantam Evergreen.

Early Evergreen.
County Gentleman.
Stowell's Evergreen.

Any above Open Pollinated Varieties

5 lbs. @ 38c, 10 lbs. @ 36c, 25 lbs. @ 34c, 100 lbs. @ 32c.

CORN, INDIAN ORNAMENTAL

Rainbow corn with variously colored kernels.
¼ lb. 35c, 1 lb. 85c, 10 lbs @ 75c lb.

POPCORN

Purdue 410 (Exp. 5369). An outstanding early Purdue Hybrid rapidly gaining favor for high yields and superior eating quality. It has a large yellow kernel that pops with excellent expansion.
Lb. \$1.00, 5 lbs. @ 96c, 10 lbs. @ 94c.

Purdue Hybrid No. 31. 95 days. Very heavy yielder yellow corn of high quality and popping expansion.
5 lbs. @ 68c, 10 lbs. @ 66c, 25 lbs. @ 64c, 100 lbs. @ 62c.

Minhybrid 250 or White Hulless Hybrid. 90 days. Excellent popping quality and a good yielder.
5 lbs. @ 68c, 10 lbs. @ 66c, 25 lbs. @ 64c, 100 lbs. @ 62c.

S. American Giant (T.N.T.) 100 days. Large yellow.
5 lbs. @ 31c, 10 lbs. @ 29c, 25 lbs. @ 27c, 100 lbs. @ 25c.

Hulless-Baby Rice. 85 days. Small ears. Very tender.
5 lbs. @ 31c, 10 lbs. @ 29c, 25 lbs. @ 27c, 100 lbs. @ 25c.

White Rice. 90 days.
5 lbs. @ 31c, 10 lbs. @ 29c, 25 lbs. @ 27c, 100 lbs. @ 25c.

COLLARDS

Georgia Southern or Creole.
oz. 15c, ¼ lb. 40c, 1 lb. \$1.25, 10 lbs. @ \$1.15 lb.

Vates Strain. Lower growing, smooth leaved strain, very slow to bolt.
oz. 20c, ¼ lb. 50c, 1 lb. \$1.50, 10 lbs. @ \$1.40 lb.

DILL

Long Island Mammoth.
oz. 15c, ¼ lb. 40c, 1 lb. \$1.25, 10 lbs. @ \$1.15 lb.

EGGPLANT



F1 HYBRID TS CROSS

In the Black Beauty class. Firm fruits with fine black color extremely prolific and early, and of the right market size.

⅛ oz. \$1.25, ¼ oz. \$2.25,
½ oz. \$4.00, oz. \$7.50.

Black Beauty. 80 days. Large oval, very dark purple, broad egg shaped and smooth. Plants 24-28 in. high.
½ oz. 50c, oz. 80c, ¼ lb. \$2.50, 1 lb. \$7.50.

New Hampshire Early. 70 days. Extra early. Plants 18-24 in. high, very productive. Fruits oval, 3½x4½ in. at maturity, purple, slightly lighter than Black Beauty.
½ oz. 70c, oz. \$1.25, ¼ lb. \$3.75, 1 lb. \$12.00.

Long Purple. 78 days. Fruits are oblong-oval, 7-8 in. long, about 3 in. thick, dark purple and smooth.
½ oz. 70c, oz. \$1.25, ¼ lb. \$3.75, 1 lb. \$12.00.



Endive Green Curled Pancalier

ENDIVE

President, Giant Green Curled. A very large curled Endive with a dense full heart, blanching easily. One of the hardiest varieties, withstanding adverse weather in the fall.
oz. 30c, ¼ lb. 85c, 1 lb. \$2.50.

Batavian Full Heart. Escarole. 90 days. Best broad leaved variety distinctly improved, medium large with very deep compact, well blanched heart.
oz. 20c, ¼ lb. 65c, 1 lb. \$1.95, 10 lbs. @ \$1.85 lb.

Green Curled Ruffec. 95 days. Large plant with full center that blanches well, and pale green ribs.
oz. 25c, ¼ lb. 70c, 1 lb. \$2.10, 10 lbs. @ \$2.00 lb.

Green Curled Pancalier. 95 days. Smaller plant than Ruffec, blanching well, with pink ribs.
oz. 25c, ¼ lb. 70c, 1 lb. \$2.00, 10 lbs. @ \$1.90 lb.

KALE

Vates. 55 days. An improved strain of Dwarf Blue Scotch, more erect than older strains and slow to bolt.
oz. 25c, ¼ lb. 75c, 1 lb. \$2.25, 10 lbs. @ \$2.15 lb.

Dwarf Curled Scotch. 55 days. Bluish green, finely curled leaves.
oz. 25c, ¼ lb. 70c, 1 lb. \$2.10, 10 lbs. @ \$2.00 lb.

Siberian. 65 days. Large coarse frilled blue green leaves.
oz. 25c, ¼ lb. 75c, 1 lb. \$2.25.

KOHL RABI

Early White Vienna. 55 days. The standard.
Purple Vienna. 62 days. Purple with white flesh.
Either—oz. 35c, ¼ lb. \$1.15, 1 lb. \$3.50.

LEEK

American Flag. Early, with 8-10 inch stems.
½ oz. 30c, oz. 50c, ¼ lb. \$1.60, 1 lb. \$5.00.

MUSTARD, GREEN WAVE

All-America Bronze Medal Winner

Believed the longest lasting, slowest bolting of all Mustards, beautifully curled with rich dark green color. Reports are that Green Wave will stand 2 to 4 weeks longer without bolting to seed and is very uniform in growth.

Southern Gt. Curled. 45 days. Light green, upright and long standing.

Either of above varieties—
oz. 15c, ¼ lb. 40c, 1 lb. \$1.25, 10 lbs. @ \$1.15 lb.

LETTUCE

LOOSE LEAF VARIETIES

Black Seed Simpson. Standard for home gardens.
oz. 25s, ¼ lb. 65c, lb. \$2.00, 10 lbs. @ \$1.90 lb.

Grand Rapids. Most popular loose leaf.
oz. 25s, ¼ lb. 65c, lb. \$2.00, 10 lbs. @ \$1.90 lb.

Grand Rapids. Tip Burn Resistant H5-4. New strain developed at Ohio Experiment Station for greater uniformity in greenhouse forcing.
oz. 30c, ¼ lb. 80c, lb. \$2.40, 10 lbs. @ \$2.30 lb.

Oak Leaf. Distinct oak-like leaves. Heat resistant.
oz. 35c, ¼ lb. \$1.00, lb. \$3.25, 10 lbs. @ \$3.15 lb.

Prizehead. Tinged Red.
oz. 25s, ¼ lb. 65c, lb. \$2.00, 10 lbs. @ \$1.90 lb.

Ruby. A loose leaf salad lettuce with fancy frilled, crisp leaves, superior in that respect to Grand Rapids. The best feature is its bronzy color, much superior to Prizehead because it does not fade. Reports emphasize its heat resistance, slow bolting and finely serrated, frilled and savoyed leaves, along with the rich non-fading color.
oz. 65c, ¼ lb. \$2.00, lb. \$6.00.

Salad Bowl. Stands sun and heat, extremely slow to bolt, holding tenderness and quality for a long period. Leaves are short, closely set.
oz. 70c, ¼ lb. \$2.00, lb. \$6.00.

Slobolt Leaf. Resembles Grand Rapids—but slow to bolt. Recommended for outdoor planting.
oz. 75c, ¼ lb. \$2.25, lb. \$7.50.

BUTTERHEAD VARIETIES

Bibb. 54 days. Plants form a small rosette head, very early and quite quick to bolt. A money maker for greenhouse production in our area. Leaves are thick, tender, deep green outside, blanched to creamy yellow within.
oz. 30c, ¼ lb. 90c, lb. \$3.00, 10 lbs. @ \$2.90 lb.

Improved Bibb (Velvet). Holds rich green color without "purpling", and is much slower to bolt.
Oz. 60c, ¼ lb. \$1.70, lb. \$5.00.

Large Green Bibb. (Formerly called Burpeeana.) Excellent for growing under glass, larger heading than standard Bibb. Shiny deep green butter heads have long standing ability, and are saleable in about 75 days. Leaves are moderately crinkled, crisp and tender, with sweet flavor.
oz. 65c, ¼ lb. \$2.00, lb. \$6.00.

Big. Boston. 75 days. The popular butterhead variety.
oz. 25c, ¼ lb. 75c, lb. \$2.25, 10 lb. @ \$2.15 lb.

Sweetheart. 72 days. Much larger than regular White Boston with smoother leaves of slightly darker green. The heads are not hard, have excellent texture and flavor. Sweetheart is slower bolting and more heat resistant than other Boston types and is suitable for muck or upland soils.
Oz. 80c, ¼ lb. \$2.50, lb. \$7.50.

White Boston. 72 days. Large strain with light green leaves entirely free from brown or reddish tint. Heads quite compact of excellent texture and flavor. Most popular in the butterhead class.
oz. 25c, ¼ lb. 75c, lb. \$2.25, 10 lb. @ \$2.15 lb.



GREAT LAKES STANDARD

IMPERIAL OR CRISP HEADING VARIETIES

MOSAIC TESTED LETTUCE

Seed marked MT or MI means it has been inspected for Mosaic and includes less than 1/10 of 1% infected seeds. We have that seed available in

Great Lake 659 and **Cornell 456**
½ oz. 65c, oz. \$1.15, ¼ lb. \$3.50, lb. \$10.00.

Great Lake Standard. 82 days. A strain very widely adapted to various areas and soils. It is the main cropper in the north for summer-fall harvest on upland soil, also performing well on muck. It also does very well in the south. A sure heading strain in warm weather, very uniform and resistant to tip burn.
oz. 50c, ¼ lb. \$1.60, lb. \$5.00, 10 lbs. @ \$4.90 lb.

Great Lakes 659. 86 days. Well adapted for cool weather late summer and fall in our area, especially on muck. Plants and heads medium large, solid with large frilled, dark green wrapper leaves.
oz. 50c, ¼ lb. \$1.60, lb. \$5.00, 10 lbs. \$4.90 lb.

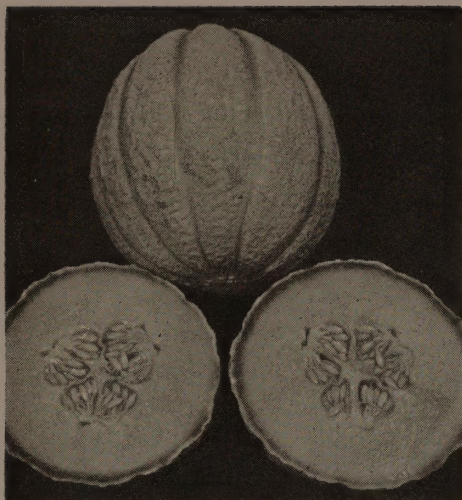
Oswego. Valuable for summer crops on muck, maturing early with rather small, compact, firm, well-folded heads. It is comparatively free of tip burn and rib discoloration.
oz. 55c, ¼ lb. \$1.80, lb. \$5.50, 10 lbs. @ \$5.40.

Imperial or Cornell 456. 81 days. For summer harvest on muck and heavier soils in the north. Somewhat smaller and even surer heading than most strains of Great Lakes. Very slow to bolt and resistant to tip burn, but susceptible to frost injury. Medium large and solid wrapper leaves, light green, frilled.
oz. 55c, ¼ lb. \$1.80, lb. \$5.50, 10 lbs. @ \$5.40 lb.

Cos or Romaine Lettuce

Parris Island. 70 days. Mosaic resistant, dark green type which will form uniform marketable heads in areas where others fail.
oz. 35c, ¼ lb. \$1.15, lb. \$3.25, 10 lbs. @ \$3.15 lb.

Cos, Dark Green. 70 days. Plants medium large, 7-8 inches tall, self closing. Leaves dark green slightly crumpled.
oz. 30c, ¼ lb. 75c, lb. \$2.25, 10 lbs. @ \$2.15 lb.



Super Market Hybrid

MUSKMELON

Super Market F1 Hybrid. Valuable because of earliness ripening in 80-85 days, high yield and hybrid vigor, resistant to Fusarium and Downy Mildew. Fruits are round to oval averaging 7 in. long, 6 in. in diameter, weighing 4½ lbs. with good netting. Rind is tough and the salmon flesh thick of delicious favor.
 ⅓ oz. \$1.25, ¼ oz. \$2.25, oz. \$8.50, ¼ lb. \$29.00.
 (850 to 900 seeds per oz.)

Golden Delight. 85 days. Has thick salmon flesh of good quality. Hard ribbed rind is well netted.
 oz. 35c, ¼ lb. \$1.00, lb. \$3.25, 10 lbs. @ \$3.15 lb.

Harvest Queen. 95 days. Ideal for market or home garden. Fruits are oval, medium size, heavily netted with tough rind. Flesh is fine textured, deep orange and excellent quality. Plants resistant to fusarium wilt.
 oz. 35c, ¼ lb. \$1.00, lb. \$3.25, 10 lbs. @ \$3.15 lb.

Pennsweet. 82 days. Productive early melon for local markets. Fruits long oval 7 in. long, 5½ diameter. Flesh thick, bright orange, delicious flavor.
 oz. 40c, ¼ lb. \$1.15, lb. \$3.50, 10 lbs. @ \$3.40 lb.

The Bender Types

Bender Surprise. 90 days. Thick Salmon flesh.
 oz. 30c, ¼ lb. 90c, lb. \$3.00, 10 lbs. @ \$2.90 lb.

Delicious 51. 86 days. Developed from a cross between Delicious and Iroquois with earliness of former and many of the good qualities of Iroquois. Fusarium wilt resistant. Flesh is thicker and firmer than regular Delicious.
 oz. 35c, ¼ lb. \$1.10, lb. \$3.25, 10 lbs. @ \$3.15 lb.

Schoon's Hardshell. 90 days. Superior shipper because of the hard rind. Flesh is thick salmon colored and sweet.
 oz. 30c, ¼ lb. 90c, lb. \$3.00, 10 lbs. @ \$2.90 lb.

Iroquois. 90 days. Fusarium wilt resistant hard shelled prominently ribbed with heavy coarse netting.
 oz. 35c, ¼ lb. \$1.00, lb. \$3.25, 10 lbs. @ \$3.15 lb.

Other Fine Varieties

Hales' Best No. 36. 90 days. Early popular shipper. A very uniform strain more prolific than Jumbo type.

Hearts of Gold. 90 days. Small round, fine quality.

Honey Rock. 88 days. Excellent for local markets.

Pride of Wisconsin. 100 days. Oval with thick flesh.

Above Four Varieties

oz. 30c, ¼ lb. 90c, lb. \$3.00, 10 lbs. @ \$2.90 lb.



WATERMELON — SUGAR BABY
 Best of the "Ice Box" type.

WATERMELONS

New Seedless Watermelon. We offer an excellent variety of this Seedless type, a 15 to 20 lb. round striped melon of excellent quality. The seed should be started in pots. Have plants on hand for customers who will want to try it. Once ounce contains about 500 seeds.
 100 seeds \$2.75, 500 seeds \$12.00.

Cannon Ball. 95 days. Large nearly round, dark green. Also called Florida Giant or Black Diamond.
 oz. 25c, ¼ lb. 80c, lb. \$2.50, 10 lbs. @ \$2.40 lb.

Cole's Early. 75 days. Early medium size, striped.
 oz. 20c, ¼ lb. 65c, lb. \$1.90, 10 lbs. @ \$1.80 lb.

Congo. 90 days. Large oval melon, dark green, striped lighter, with tough rind. Resistant to anthracnose.
 oz. 25c, ¼ lb. 80c, lb. \$2.50, 10 lbs. @ \$2.40 lb.

Dixie Queen. 85 days. Excellent fairly early large heavy fruits, round oval.
 oz. 25c, ¼ lb. 80c, lb. \$2.50, 10 lbs. @ \$2.40 lb.

Early Kansas. 80 days. Large, nearly round, striped.
 oz. 25c, ¼ lb. 75c, lb. \$2.25, 10 lbs. @ \$2.15 lb.

Hawkesbury. 85 days. Ours is the wilt resistant Purdue strain. It is a large long, gray-green melon with hard rind.
 oz. 25c, ¼ lb. 80c, lb. \$2.50, 10 lbs. @ \$2.40 lb.

Kleckley Sweet Imp. 85 days. Long, dark green.
 oz. 25c, ¼ lb. 75c, lb. \$2.25, 10 lbs. @ \$2.15 lb.

New Hampshire Midget. 65-70 days. A small "ice-box" melon, 6 in. through, weighing up to 6 lbs. Light green with dark stripes, brown seeds. Very early.
 oz. 30c, ¼ lb. 90c, lb. \$2.90, 10 lbs. @ \$2.80 lb.

Rhode Island Red. 75 days. Small to medium sized 8 to 12 lbs. Has the color and tough rind of Dixie Queen. Excellent quality.
 oz. 30c, ¼ lb. \$1.00, lb. \$3.25, 10 lbs. @ \$3.15 lb.

Stone Mountain. 90 days. Round oval, dark green.
 oz. 25c, ¼ lb. 75c, lb. \$2.25, 10 lbs. @ \$2.15 lb.

Sugar Baby. 75 days. New small variety in the ice-box class. Melons round about 8 in. diameter with very dark green, thin, hard rind. Flesh is fine textured, sweet, not excessively seedy. Seeds are small, brown mottled black.
 oz. 30c, ¼ lb. \$1.00, lb. \$3.25, 10 lbs. @ \$3.15 lb.

Winter King & Queen. 90 days. Novel, long keeper and a heavy yielder. Fruit color is pale yellow when ripe.
 oz. 25c, ¼ lb. 75c, lb. \$2.25, 10 lbs. @ \$2.15 lb.

Polyethylene for Melon Mulching

Has proven valuable in increasing yields and cutting labor costs when used for melons, cucumbers, tomatoes, peppers and other crops. See complete listing of sizes available in accessory pages of this catalog.



HYBRID ONION SEED

The Hybrid Onions make it possible for the grower to raise more bushels of No. 1 Onions per acre at less cost per bushel.

Abundance. 103 days. Early Yellow Globe type, but constantly heavier yielding. Bulbs large, light yellow, deep globe. Can be stored until early winter.
oz. \$1.00, ¼ lb. \$3.00, lb. \$9.00.

Aristocrat. 105 days. Brigham Yellow Globe type but somewhat heavier yielding. Bulbs medium large globe to deep globe shaped, very firm, storing well into late winter.
oz. \$1.00, ¼ lb. \$3.00, lb. \$9.00.

Early Harvest. 85 days. Developed for the earliest harvest as it matures bulbs from seed at about the same time as standard varieties grown from dry sets. Bulbs medium size, globe shaped, flesh relatively mild. Not for storage.
oz. \$1.10, ¼ lb. \$3.25, lb. \$10.00.

Elite. 105 days. Early Yellow Globe type, but later, much heavier yielding and better storage quality. Good muck land variety. In some Ohio trials Elite out-yielded Downing's Yellow Globe by 500—50 lb. bags per acre. Bulbs globe to tall globe. Long storage.
oz. \$1.00, ¼ lb. \$3.00, lb. \$9.00.

Empire. A high yielding storage type Yellow Globe hybrid. Bulbs are medium sized deep globe. Flesh is very firm and pungent. Scales are medium yellow very tight. Storage quality is better than Brigham Yellow Globe or comparable Hybrids.
Oz. \$1.10, ¼ lb. \$3.25, lb. \$10.00.

Premier. 103 days. Medium large yellow globe with very firm, pungent flesh, heavy yielding and with excellent storage quality.
Oz. \$1.10, ¼ lb. \$3.25, lb. \$9.00.

Ask for quantity prices on Hybrid Onions.

Onion Maggot Control

These materials have given good control when introduced into the furrow at planting time.

Ethion Trithion Diazinon

Seed treatments are also practical using
Surface Sprays in areas where adult maggot flies seek shelter use **Parathion, Dibrom or Diazinon.**

Aldrin, Dieldrin or Heptachlor
For Smut Control we suggest Liquid Formaldehyde

ONION. White Varieties

Beltsville Bunching. A desirable white bunching variety producing shorter, thicker stems than Nebuka. Beltsville is resistant to pink root and smut and "yellow dwarf."

½ oz. 85c, oz. \$1.50, ¼ lb. \$4.50, lb. \$13.50.

Nebuka—Long White Bunching. Bulbless bunching variety with long pure white stems.

oz. 40c, ¼ lb. \$1.30, lb. \$3.90, 10 lbs. @ \$3.80 lb.

Southport White Globe. Best white globs. Special bunching strain.

oz. 35c, ¼ lb. \$1.00, lb. \$3.00, 10 lbs. @ \$2.90 lb.

White Lisbon. Early white bunching onion.

oz. 45c, ¼ lb. \$1.30, lb. \$4.00, 10 lbs. @ \$3.90 lb.

White Portugal or Silverskin. 100 days.

oz. 45c, ¼ lb. \$1.40, lb. \$4.25, 10 lbs. @ \$4.15 lb.

White Sweet Spanish. 110 days. Largest mild white. Good for bunching.

oz. 45c, ¼ lb. \$1.30, lb. \$4.00, 10 lbs. @ \$3.90 lb.

ONION SETS Please Ask for Prices.

ONION. Yellow Varieties

Early Yellow Globe. 98 days. Early, yet good keeper.
oz. 40c, ¼ lb. \$1.25, lb. \$4.00, 10 lbs. @ \$3.90 lb.

Southport Yellow-Downings. 109 days. An improved strain of Southport, particularly adapted to muck soil.
oz. 40c, ¼ lb. \$1.25, lb. \$3.75, 10 lbs. @ \$3.65 lb.

Yellow Globe Danvers. 110 days.

oz. 40c, ¼ lb. \$1.25, lb. \$4.00, 10 lbs. @ \$3.90 lb.

Yellow Sweet Spanish, Utah Strain. 115 days.

oz. 50c, ¼ lb. \$1.60, lb. \$5.00, 10 lbs. @ \$4.90 lb.

OKRA OR GUMBO

Emerald. 55 days. Long (8 in.) dark green spineless pods on semi-dwarf (5 ft.) vigorous plants. Pods snap off readily.

Clemson Spineless. 55 days. A medium tall variety with 6 in. angular, ridged pods which are very uniform, rich green and spineless.

Dwarf Long Pod. 50 days. Dwarf (3 ft.) plants with spineless bright green pods.

All varieties—oz. 20c, ¼ lb. 40c, lb. \$1.20, 10 lbs. @ \$1.10 lb.

PARSLEY

Moss or Double Curled. 70 days. Quickest growing, with exceedingly fine cut, curled leaves.

Plain Leaved. 72 days. Bright green, flat leaves.

Paramount. 85 days. Extra dark green, fine triple curled.

Hamburg Turnip Rooted. 90 days. Roots 8-10 in. long.
All at oz. 25c, ¼ lb. 65c, lb. \$2.00, 10 lbs. @ \$1.90 lb.

PARSNIP

Harris Model. Smooth, white, free from side roots.

Imp. Hollow Crown. Standard variety.

Either—oz. 20c, ¼ lb. 50c, lb. \$1.40, 10 lbs. @ \$1.30 lb.

Materials for Crop Protection . . .

INSECTICIDES — FUNGICIDES — HERBICIDES

Ask for Complete Price List



Progress #9—Note Uniformity

LEATHERMAN'S PEAS

Extra Early Smooth Seeded

Alaska. 57 days. 28 in. vine. Wilt resistant strain.

5 lbs. @ 28c, 10 lbs. @ 26c, 25 lbs. @ 24c, 100 lbs. @ 22c.

Early Bird Superb. 61 days. 16 in. vine. Pods 4 in. long.

5 lbs. @ 38c, 10 lbs. @ 36c, 25 lbs. @ 34c, 100 lbs. @ 32c.

Early Dwarf Wrinkled Seed

Little Marvel. 64 days. 18 in. vine. Pods 3 in. long.

5 lbs. @ 38c, 10 lbs. @ 36c, 25 lbs. @ 34c, 100 lbs. @ 32c.

Nott's Excelsior. 62 days. 16 in. vine. Pods 2-3/4" long.

5 lbs. @ 38c, 10 lbs. @ 36c, 25 lbs. @ 34c, 100 lbs. @ 32c.

Wando. 67 days. 28 in. vine. Pods 3-1/2" long. Produces well in hot weather. Small seeded variety of excellent quality for market garden or freezing.

5 lbs. @ 38c, 10 lbs. @ 36c, 25 lbs. @ 34c, 100 lbs. @ 32c.

Large Podded Dwarf

Hundredfold. 63 days. 18 in. vine. Pods 4 1/4" long.

Laxtonian. 63 days. 18 in. vine. Pods 4 1/4" long.

Laxton's Progress. 62 days. 16" vine. Pods 4 1/2" long.

Progress No. 9, Greater Progress. 60 days. 20" vine. An early wilt-resistant strain.

Prices Any Above Group

5 lbs. @ 38c, 10 lbs. @ 36c, 25 lbs. @ 34c, 100 lbs. @ 32c.

Early Tall Varieties

Thos. Laxton Imp. 62 days. 36" vine. Pods 3 1/2" long.

Freezonian. 63 days. 30 in. vine. Pods blunt 3 1/2" long. Excellent for market or freezing.

Victory Freezer. 67 days. 30 in. vine. Gives big yield in one picking.

Any Above Three

5 lbs. @ 38c, 10 lbs. @ 36c, 25 lbs. @ 34c, 100 lbs. @ 32c.

PEAS Midseason and Late

Alderman. 74 days. 60 in. vine. Pods 4 1/2 in. long. Ours is the improved dark podded strain.

Everbearing. 76 days. 28 in. vine. Pods 3 in. long.

Asgrow No. 40. 74 days. 28 in. vine. Pods 5 in. long.

Any above three.

5 lbs. @ 38c, 10 lbs. @ 36c, 25 lbs. @ 34c, 100 lbs. @ 32c.

On all Peas—Less than 5 lbs. @ 10c per lb. advance.

Morton Soil Drench

Of great value to the greenhouse grower for many soil diseases. More economical than Pano-drench to use on an extensive basis. See proper pages in this catalog for greenhouse and outdoor chemicals.

PEPPERS

Yolo Wonder L. A selection from original Mosaic Resistant Yolo Wonder, of taller plant growth to give a heavier set of crown fruits and a high percentage of No. 1 fruits throughout the picking season. The peppers will average larger and deeper than original strains. They are pendant 3 to 4 lobed, 3 3/4 in. across the shoulder, 4 1/2 in. long, thick walled with sweet flavor.

1/2 oz. 50c, oz. 90c, 1/4 lb. \$2.75, lb. \$9.00.

Delaware Belle. New wonder type pepper. Earlier than California Wonder, in some cases producing marketable fruits in 65 days from transplanting. Highly resistant to Tobacco Mosaic. Fruits usually 3 or 4 lobes and blocky, deep green turning to red. The yields are very heavy with a good crown set.

1/2 oz. 60c, oz. \$1.00, 1/4 lb. \$3.25, lb. \$10.00.

California Wonder. 75 days. An excellent strain of this standard variety with vigorous productive plants and heavy thick walled, mostly 4 lobed, fruits.

1/2 oz. 45c, oz. 80c, 1/4 lb. \$2.50, lb. \$8.00.

Early Calwonder. 69 days. An earlier maturing California Wonder with smaller tapered fruits.

1/2 oz. 50c, oz. 90c, 1/4 lb. \$2.75, lb. \$9.00.

Oakview Wonder. 65 days. Earlier than California Wonder. Fruits are same size and shape.

1/2 oz. 50c, oz. 90c, 1/4 lb. \$2.75, lb. \$9.00.

Banana, Hungarian Sweet. 65 days. Fruits average 5 in. long, 1 1/2 in. diameter at shoulder, tapering to a blunt tip and banana in color, turning to bright red.

1/2 oz. 65c, oz. \$1.15, 1/4 lb. \$3.50, lb. \$12.00.

Perfection Pimento. 80 days. Fruits are pendant, heart shaped, dark green turning to deep red.

1/2 oz. 50c, oz. 90c, 1/4 lb. \$2.75, lb. \$9.00.

Roumanian Sweet. 65 days. A valuable new strain developed by a Northern Ohio grower. A sweeter, milder pepper than Hungarian Short or Rainbow Wax, larger and thicker walled. Fruits are 4-5 in. long, 2-3 in. across the shoulder. Color rich yellow turning to red at maturity. Plants medium sized with large leaves.

1/2 oz. 85c, oz. \$1.50, 1/4 lb. \$4.50, lb. \$15.00.

Ruby King. 68 days. Fine upright prolific variety. Fruits pendant, long, tapering to a blunt tip 5 1/4 in. long, 3 1/2 in. diameter at shoulder, 3 lobed and dark green.

1/2 oz. 50c, oz. 90c, 1/4 lb. \$2.75, lb. \$9.00.

Sunnybrook. (Pimento). 72 days. Fruits are tomato shaped 3 in. diameter. 2 in. deep, green turning to red.

1/2 oz. 50c, oz. 90c, 1/4 lb. \$2.75, lb. \$9.00.

Sweet Red Cherry. Plants and fruits similar to Hot Red Cherry, but with mild flavored fruits.

1/2 oz. 60c, oz. \$1.00, 1/4 lb. \$3.00, lb. \$10.00.

PEPPERS — Hot Varieties

Hungarian Long Yellow Wax. 65 days. For pickling and local market. Fruits are pendant, bright yellow changing to red, 6 in. long, 1 1/4 in. diameter.

1/2 oz. 60c, oz. \$1.00, 1/4 lb. \$3.00, lb. \$10.00.

Hungarian Short, Rainbow Wax. 60 days. Medium hot and a shorter blocky type. Fruits are very attractive yellow, later turning to red. This special stock of our own growing is early, heavy yielding with thick meaty fruits.

1/2 oz. 60c, oz. \$1.00, 1/4 lb. \$3.00, lb. \$10.00.

Long Slim Red Cayenne. 70 days. 5 in. long, slender dark green turning bright red, very pungent.

1/2 oz. 60c, oz. \$1.00, 1/4 lb. \$3.00, lb. \$10.00.

Red Cherry. 80 days. Plants small, very prolific. Fruits upright, about 1 inch in both length and diameter, nearly round, deep green turning to dark red.

1/2 oz. 60c, oz. \$1.00, 1/4 lb. \$3.00, lb. \$10.00.

Red Chili. 82 days. Fruits about 1/2 in. diameter and 1 3/4 in. long, pointed, pale yellowish green turning red.

1/2 oz. 60c, oz. \$1.00, 1/4 lb. \$3.00, lb. \$10.00.

LETHERMAN'S RADISHES



Red Prince — Wilt Resistant

Exceptional selected strains for high ground, muck land, or greenhouse planting.

Cavalier. 23 days. Excellent olive globe shaped. Well suited for greenhouse forcing and for muck land use, for bunching or pre-packing.

Comet. 24 days. Deep globe radish with medium tops. Bright color and keeping quality makes Comet ideal for "cello pack".

Scarlet Globe, Short Top. 23 days. Excellent round globe strain, with short yet strong tops.

Cherry Belle. 23 days. Brilliant Cherry Red, round as a ball, very short topped even in summer heat. Stands quite long without becoming pithy.

Above Strains

¼ lb. 30c, lb. 80c, 10 lbs. @ 75c, 100 lbs. @ 70c lb.

White Icicle, Short Top. 27 days. Special gardeners strain for forcing or outdoors. Tops shorter than regular Icicle.

¼ lb. 30c, lb. 85c, 10 lbs. @ 80c, 100 lbs. @ 75c lb.

WINTER RADISHES

Celestial White Winter. ¼ lb. 35c, lb. \$1.10.

Round Black Spanish. ¼ lb. 35c, lb. \$1.10.

Ask for large quantity prices on Radishes.

PUMPKIN

Connecticut Field. 118 days. Fruits large 15-20 lbs. oz. 20c, ¼ lb. 55c, lb. \$1.75, 10 lbs. @ \$1.65 lb.

King of Mammoth. 120 days. Largest, 60-70 lbs. oz. 25c, ¼ lb. 75c, lb. \$2.25, 10 lbs. @ \$2.15 lb.

Small Sugar Pie. 108 days. Excellent quality. oz. 20c, ¼ lb. 55c, lb. \$1.75, 10 lbs. @ \$1.65 lb.

Jack O' Lantern. Right size and shape for Halloween trade. 9 in. high, 7-8 in. diameter. oz. 25c, ¼ lb. 75c, lb. \$2.25, 10 lbs. @ \$2.15 lb.

SALSIFY. Vegetable Oyster

Mam. Sandwich Island. The standard variety. oz. 40c, ¼ lb. \$1.25, lb. \$4.00.

SWISS CHARD

Lucullus. 50 days. Leaves and stems pale green.

Fordhook. 55 days. Crumpled dark green leaves, stems white. Either above—oz. 15c, ¼ lb. 40c, lb. \$1.25.

Rhubarb. Deep green leaves. Crimson stems. oz. 20c, ¼ lb. 65c, lb. \$2.00.

New Fusarium Wilt Resistant Strain

RED PRINCE

Developed by Wisconsin Experiment Station for disease resistance and uniformity with very high percentage of marketable roots. It is a very short top, round scarlet globe. Especially adapted to muck soils. 24 days.

Red Prince: lb. 85c, 10 lbs. @ 80c, 50 lbs. @ 75c lb.

Cavalrondo. 23 days. A round type of Cavalier, excellent bright scarlet color with firm flesh, slender tap root and short tops. The strain is very uniform.

Red Boy. 22 days. Attractive bright scarlet with crisp white flesh, globe to round in shape. Tops very short, which, with color, makes Red Boy ideal for bunching or Poly bag. The tops hold up well.

Champion. A clear bright scarlet, round or ball shaped of about the diameter of a silver dollar. Quality is excellent and it stands a long time and to large size without getting pithy. May be sown early while ground is cold.

Prices on all above 5 varieties: lb. 85c, 10 lbs. @ 80c, 50 lbs. @ 75c lb.

Ask for large quantity prices.

Radish—Standard Strains

Crimson Giant

Long Scarlet Short Top

Scarlet Globe, Medium Top

French Breakfast

Sparkler

White Icicle

All Above Standard Varieties

¼ lb. 25c, lb. 80c, 10 lbs. @ 75c, 100 lbs. @ 70c.

SPINACH

Packer Hybrid. 37 days. A fast growing, heavy yielding F1 Hybrid for fall, winter and early spring harvest from late summer and fall plantings. Plants large, erect, suitable for mechanical harvest. Leaves are large, more savoyed and darker green than Hybrid #7. oz. 15c, ¼ lb. 50c, lb. \$1.35, 10 lbs. @ \$1.25 lb.

Dixie Market. A new savoy leafed variety, resistant to downy mildew and mosaic. Plants are upright, compact, leaves dark green, rounded, thick and well savoyed. More productive than other Bloomsdales. Grow for winter production in the South and for fall sowing in the North. Replaces the prickly seeded varieties. 1 lb. 60c, 10 lbs. @ 50c lb., 100 lbs. @ 45c lb.

America. 50 days. Outstanding for its slowness to bolt in hot weather. Has thick, dark green savoy leaves.

Bloomsdale, Dark Green. 40 days. Retains its deep green fresh appearance well for market.

Bloomsdale, Long Standing. 42 days. Quick to develop, yet long standing.

Virginia Blight Resistant Savoy. 40 days. Improved long standing. In our area the best for fall crop from July-Aug. planting.

All Above Varieties Except Packer Hybrid and Dixie Market — lb. 50c, 10 lbs. @ 45c, 100 lbs. @ 40c lb.

SQUASH — Summer Varieties

Black Beauty. 40 days. An All-America winner for 1957. Black Beauty is the earliest of the Black Zucchini type and is very uniform in plant growth and fruiting. Fruits 6 to 8 in. long at harvest.
oz. 30c, ¼ lb. \$1.00, lb. \$3.00.

Zucchini. 44 days. Cylindrical gray-green mottled. Smooth fruits 6-8 in. at harvest.
oz. 30c, ¼ lb. 90c, lb. \$2.75, 10 lbs. @ \$2.65 lb.

Caserta. 50 days. Early, heavy yielder of Cocozelle type. Straight cylindrical fruits, grayish greenish with darker mottling. Plants are compact.
oz. 25c, ¼ lb. 80c, lb. \$2.50, 10 lbs. @ \$2.40 lb.

Cocozelle Long. 44 days. Dark green with light stripes, long narrow type. Firm flesh of excellent quality.
oz. 25c, ¼ lb. 80c, lb. \$2.50, 10 lbs. @ \$2.40 lb.

Early Prolific Straightneck. 46 days. The standard straight yellow fruited variety for shipping or local market. Plants compact, bearing heavily over a long period.
oz. 20c, ¼ lb. 65c, lb. \$2.00, 10 lbs. @ \$1.90 lb.

Early Summer Crookneck. 48 days.
oz. 20c, ¼ lb. 65c, lb. \$2.00, 10 lbs. @ \$1.90 lb.

White Bush Scallop. 52 days. 7 in. diameter.
oz. 25c, ¼ lb. 75c, lb. \$2.25, 10 lbs. @ \$2.15 lb.

Seneca Prolific Hybrid. 49 days. A true F1 Hybrid straight-neck summer squash. Early, very prolific and uniform. Fruits light creamy yellow and smooth.
½ oz. 35c, oz. 65c, ¼ lb. \$2.00, lb. \$6.00.

SQUASH — Winter Varieties

Acorn, Table Queen. 85 days. Very uniform strain.
oz. 20c, ¼ lb. 65c, lb. \$2.00, 10 lbs. @ \$1.90 lb.

Royal Acorn. 90 days. A third larger than Acorn.
oz. 25c, ¼ lb. 75c, lb. \$2.25, 10 lbs. @ \$2.15 lb.

Ebony Acorn. 80 days. Produces highly marketable fruits with unmottled blackish green skin with glossy sheen. Consistently uniform in size (5½x5½-inch) between Acorn and Royal Acorn. Ebony is less pointed and has shallower ridges. Excellent quality.
oz. 30c, ¼ lb. 85c, lb. \$2.60, 10 lbs. @ \$2.50.

Buttercup. 100 days. Turban type, fruit dark green with gray stripes. Flesh orange, well flavored.
oz. 30c, ¼ lb. 90c, lb. \$2.75, 10 lbs. @ \$2.65 lb.

Butternut 23. 90 days. Distinct and more uniform strain selected from original. Fruits blocky cylinder 9 in. long, 4½ in. diameter, with thick solid neck and small seed cavity. Flesh orange, fine grained, excellent quality.
oz. 30c, ¼ lb. \$1.00, lb. \$3.25, 10 lbs. @ \$3.15 lb.

Green Delicious. 100 days. Green with lighter stripes.

Blue Hubbard. 100 days. Blue gray shell.

Imp. Green Hubbard. 105 days. Moderately warted.

Golden Hubbard. 100 days. Orange red, warted.

Warted Hubbard. 110 days. Dark green, heavily warted.

Above 5 Varieties all at

oz. 25c, ¼ lb. 80c, lb. \$2.50, 10 lbs. @ \$2.40 lb.

LETHERMAN'S TOMATOES



Early Giant Hybrid—a big yielder

F1 Hybrid Varieties

Early Giant F1 Hybrid. 60 days. The largest, heavy yielding early fruited Hybrid. Fruit is deep globe shaped and deep red in color. In many tests the fruits averaged more than 7 ounces and yields were outstanding, in some cases 50% over Rutgers.

½ oz. \$2.50, ¼ oz. \$4.00, ¼ oz. \$7.50, ½ oz. \$13.50, oz. \$25.00.

Burpee Hybrid (R). 70 days. All purpose main crop, first generation (F1 Hybrid). Medium (8 oz.) large scarlet globular fruits.

½ oz. \$2.00, ¼ oz. \$3.50, ¼ oz. \$6.00, ½ oz. \$11.00, oz. \$20.00, ¼ lb. \$65.00.

Big Boy Giant Hybrid (R). 78 days. Though very large, some up to 1 lb., Big Boy is smooth, deep globe in shape with firm bright red meaty flesh. Skin is scarlet red. Plants are vigorous, heavy producers.

½ oz. \$2.50, ¼ oz. \$4.50, ¼ oz. \$8.50, ½ oz. \$16.00, oz. \$30.00.

R in Circle is a registered trademark of W. Atlee Burpee Co.

TOMATO. Early Varieties, Red

Listed in order of earliness.

Victor or Bounty. 66 days. First early for home gardens.
½ oz. 50c, oz. 90c, ¼ lb. \$2.75, lb. \$9.00.

Sioux. 70 days. Open plant producing a big crop of deep red, smooth, deep fruits. First picking is very early. Plants determinate, medium large and open.
½ oz. 60c, oz. \$1.00, ¼ lb. \$3.00, lb. \$10.00.

Early Red Chief. See Sioux.

Break O'Day. 70 days. Resistant to wilt and rust. Medium large, globe shaped, meaty fruits.
½ oz. 50c, oz. 90c, ¼ lb. \$2.75, lb. \$9.00.

Valiant. Certified. 70 days. Fruits are of uniformly good size and depth. Plants fairly open and spreading.
½ oz. 45c, oz. 80c, ¼ lb. \$2.50, lb. \$8.00.

Stokesdale. 73 days. Heavy yielding, widely adapted variety, plants somewhat spreading with adequate fruit protection. Fruits medium large, smooth globe shaped with good red color.
½ oz. 45c, oz. 80c, ¼ lb. \$2.50, lb. \$8.00.

Wisconsin No. 55. 73 days. Heavy yielder of medium size fruits with deep scarlet interior color. Shows some resistance to blight and blossom end rot.
½ oz. 50c, oz. 90c, ¼ lb. \$2.75, lb. \$9.00.

Longred. 74 days. Medium sized plant with deep globular fruits of medium size, solid and well colored. The name means that the fruits stay red longer before decay starts.
½ oz. 60c, oz. \$1.00, ¼ lb. \$3.25, lb. \$10.00.

Glamour. 75 days. Crack resistant with large firm red fruits of slightly flattened globe shape. Has excellent red interior color, the meaty flesh quite mild in flavor.
½ oz. 60c, oz. \$1.00, ¼ lb. \$3.25, lb. \$10.00.



THE IMPROVED STRAIN HOMESTEAD 24

Stokes' F2 Varieties

Stokescross No. 1. 70 days. Early with the ability to set fruit under adverse temperatures. Fruit size averages 5½ ounces.

¼ oz. 50c, oz. 1.50, ¼ lb. \$3.00, lb. \$9.00.

Stokescross No. 5. 77 days. The hybrid vigor of this variety develops a strong full vine which sets heavily and develops highly flavorful fruits.

¼ oz. 50c, oz. \$1.50, ¼ lb. \$3.00, lb. \$9.00.

TOMATO. Main Crop and Late

New Ohio Red Jubilee

W. R. Red Jubilee. 83 days. A new high yielding disease resistant tomato of excellent quality developed by the Ohio Experiment Station. In fruit size it is slightly smaller than Rutgers but is larger than Sioux. It is immune to Fusarium Wilt and is highly resistant to Gray Leaf Spot. Yields are outstanding, in some trials 30% higher than Rutgers, 10% higher than Sioux.

½ oz. 65c, oz. \$1.25, ¼ lb. \$4.00, lb. \$12.00. (treated seed).

Pritchard. 76 days. Smooth, solid, deep scarlet. Plants show some resistance to fusarium wilt and rust

½ oz. 45c, oz. 80c, ¼ lb. \$2.50, lb. \$8.00.

Marglobe Certified. 77 days. Popular main crop. At least partially resistant to wilt and rust. The strain we have is notable for heavier yields and freedom from "puffiness". Fruits are medium large, deep globe, smooth and solid.

½ oz. 45c, oz. 80c, ¼ lb. \$2.50, lb. \$8.00.

Queens. 77 days. Very productive rather open vines, tolerant to fusarium wilt. Fruits deep red, medium size, a deep almost pointed globe. Thick outer and inner walls and small seed cavities give firm fruits.

½ oz. 50c, oz. 90c, ¼ lb. \$2.75, lb. \$9.00.

Homestead 24. 82 days. More uniform selection from original Homestead. Very resistant to Fusarium wilt and adapted for growing in a wide area. Plants large, with heavy foliage cover. Fruits of Rutgers type, medium large, slightly flattened globe, meaty and firm, quite free from cracking or "puffiness."

½ oz. 60c, oz. \$1.00, ¼ lb. \$3.00, lb. \$10.00.

Manapal. 86 days. Resembles Rutgers with all the good characteristics of that variety, plus disease resistance. Fruits are very uniform and smooth, medium size with excellent color. Plants resistant to several fungus diseases and disorders such as cat face, blossom end rot and grey wall.

½ oz. 65c, oz. \$1.25, ¼ lb. \$4.00, lb. \$12.00.

Manalucie. 92 days. Rich scarlet red, large, nicely rounded, color at wrap stage is good and interior is firm with few seeds and thick walls. Resistant to Fusarium wilt and some other leaf infections.

½ oz. 60c, oz. \$1.00, ¼ lb. \$3.00, lb. \$10.00.



TYPICAL FRUITS OF RUTGERS

Rutgers Certified. 86 days. Certified Indiana strain. Rutgers is still the standard by which newer varieties are evaluated and the most popular in many areas. Plants are large, vigorous, productive. The fruits of our strain are large globe shaped, bright red with thick walls and meaty interior.

½ oz. 40c, oz. 75c, ¼ lb. \$2.25, lb. \$7.00.

Beefsteak. Red Ponderosa. 90 days. Extra large, fine quality. Plant growers need "Beefsteak" for retail.

½ oz. 60c, oz. \$1.00, ¼ lb. \$3.00, lb. \$10.00.

Miscellaneous Varieties of Tomatoes

San Marzano. 90 days. Small fruited pear shaped Italian variety for paste. Elongated, deep red, thick walled.

¼ oz. 50c, ½ oz. 90c, oz. \$1.50, ¼ lb. \$4.50.

Roma. 76 days. New wilt resistant variety. Fruits red 2-3 inch long. 1½ in. diameter.

¼ oz. 50c, ½ oz. 90c, oz. \$1.50, ¼ lb. \$4.50.

Pink Shipper. 75-80 days. A deep globe shaped pink tomato developed by USDA for resistance to Fusarium Wilt. An excellent yielder of uniform thick fleshed smooth fruit of medium size.

½ oz. 60c, oz. \$1.00, ¼ lb. \$3.25, lb. \$10.00.

Gulf State Market. 80 days. Best main crop pink.

½ oz. 60c, oz. \$1.00, ¼ lb. \$3.00, lb. \$10.00.

Genuine Italian. 82 days. Large non-acid pink. Special strain of our own production. It is a favorite with many home gardeners.

¼ oz. 85c, ½ oz. \$1.60, oz. \$2.95, ¼ lb. \$8.75, lb. \$25.00.

African Beefsteak. A very large, heavy, thick meated variety, non-acid and almost seedless. Color is deep Crimson pink. Also known as German Beefsteak. Grow for roadside stands, and plants for home gardeners.

¼ oz. 85c, ½ oz. \$1.60, oz. \$2.95, ¼ lb. \$8.75, lb. \$25.00.

Ponderosa. 88 days. Large solid pink fruit, mild.

½ oz. 60c, oz. \$1.00, ¼ lb. \$3.00, lb. \$10.00.

Oxheart. 90 days. Large heart-shaped mild pink.

½ oz. 80c, oz. \$1.50, ¼ lb. \$4.50, lb. \$15.00.

Yellow Jubilee. 75 days. Bright orange yellow. Mild

½ oz. 50c, oz. 90c, ¼ lb. \$2.75, lb. \$9.00.

Greenhouse Varieties

Greenhouse Globe—Ohio Wilt Resistant. WR-3. 82 days. Pink fruited.

¼ oz. \$1.00, ½ oz. \$1.75, oz. \$3.00, ¼ lb. \$9.75, lb. \$35.00.

Greenhouse Globe WR7. An improved strain resistant to the fruit blemish condition "pox." Pink fruited.

¼ oz. 1.00, ½ oz. \$1.75, oz. \$3.25, ¼ lb. \$11.00, lb. \$40.00.

Spartan Pink 10. Resistant to Fusarium Wilt. Fruits are medium large (5-6 ounces), globe shaped, smooth, deep and firm fleshed. Best suited for greenhouse culture as a fall crop but may be grown as a spring crop.

¼ oz. 75c, ½ oz. \$1.35, oz. \$2.50, ¼ lb. \$8.00, lb. \$25.00.

SMALL FRUITED TOMATOES

Small Red Cherry Red Plum Yellow Plum
 Yellow Pear Red Pear

Any variety—Pkt. 20c, ¼ oz. 35c, ½ oz. 60c, oz. \$1.00.

TURNIP

Purple Top White Globe. 55 days.

¼ lb. 35c, lb. \$1.00, 10 lbs. @ 95c, 100 lbs. @ 90c lb.

Purple Top White Globe. Smith Strain. Special extra uniform shorter top strain for market gardeners.

¼ lb. 35c, lb. \$1.25, 10 lbs. @ \$1.20, 100 lbs. \$1.15 lb.

Purple Top Strap Leaf. 45 days. Flattened roots.

¼ lb. 35c, lb. \$1.25, 10 lbs. @ \$1.20, 100 lbs. @ \$1.15 lb.

Seven Top. Grown for "greens".

¼ lb. 35c, lb. \$1.00, 10 lbs. @ 90c, 100 lbs. @ 85c lb.

Snowball. 40 days. Round white roots.

¼ lb. 35c, lb. \$1.25, 10 lbs. @ \$1.20, 100 lbs. @ \$1.15 lb.

RUTABAGA

American Purple Top. 90 days.

¼ lb. 35c, lb. \$1.25, 10 lbs. @ \$1.20, 100 lbs. @ \$1.15 lb.

NUMBER OF PLANTS PER ACRE

If Planted	No. Plants	If Planted	No. Plants
12 x 12 in.	43,560	36 x 24 in.	7,260
12 x 18 in.	29,040	36 x 36 in.	4,840
18 x 18 in.	19,360	48 x 24 in.	5,445
18 x 24 in.	15,520	48 x 36 in.	3,630
24 x 24 in.	10,890	48 x 58 in.	2,723
30 x 12 in.	17,424	60 x 60 in.	1,743
30 x 24 in.	8,712	8 x 3 ft.	1,815
36 x 12 in.	14,520	8 x 8 ft.	680

FEET OF ROW PER ACRE AT GIVEN DISTANCES

Betw'n Rows	Ft. of Row	Betw'n Rows	Ft. of Row
18 inches	29,010	30 inches	17,427
24 inches	21,758	36 inches	14,526

TIMING BEDDING PLANTS — GROWN FROM SEED

The time required for plants to reach saleable size after sowing the seed depends on heat and light available. Seeds started in the greenhouse in March or early April will develop more rapidly than seed of the same varieties started in January and February when short days and cloudy weather prevails.

The outdoor planting season for most annuals extends over 4 to 8 weeks, so it is necessary to make several successive plantings.

The following figures will help, though they will not take the place of information gained by your own experience.

The following annuals usually take 4 to 5 weeks to produce flatted seedlings:

Calendula - Cosmos - Marigolds - Zinnias.

The following require 6 to 8 weeks:

Balsam - Celosia - Cleome - Phlox - Portulaca - Asters - Torenia - Unwin's Dahlias - Verbena - Egg Plant - Peppers - Tomatoes.

The following require 7 to 9 weeks:

Ageratum - Alyssum - Antirrhinum - Nicotiana - Petunia - Salvia - Vinca Rosea.

NUMBER OF FLOWER SEEDS PER OZ. OR FRACTION OZ.

These quantities cannot be exact, they will vary somewhat from year to year as weather conditions vary causing seeds to be smaller, larger or lighter than normal.

Ageratum	220,000	Larkspur	9,000
Alyssum, Annual	60,000	Lathyrus	600
Alyssum, Saxatile	30,000	Linum Perenne	8,500
Antirrhinum	200,000	Lobelia Annual	750,000
Asparagus, Plumosus	850	Lupine Annual	1,800
Asparagus, Sprengeri	650	Lupine Perennial-Russels	1,500
Asters	12,000	Lychnis Chalcedonica	64,000
Aquilegia	175,000	Marigold, Large Flowering	8-9,000
Balsam	3,200	Marigold, Dwarf French	10,000
Bean, Scarlet Runner	25	Marigold, Signata Pumila	35,000
Bellis	192,000	Ipomea-Morning Glories	
Bells of Ireland	4,200	Cardinal Climber	1,000
Browallia Speciosa	120,000	Cypress Vine	2,200
Calendula	3,500	Moonflower	130
Campanula	120,000	Heavenly Blue	700
Candytuft Umbellata	10,000	Scarlet O'Hara	700
Candytuft Sempervirens	12,000	Myosotis	42,000
Cardinal Climber	1,000	Nasturtium	175
Carnations	15,000	Nemesia	100,000
Celosia	36,000	Nicotiana	200,000
Centaurea Cyanus	6,000	Nierembergia (Purple Robe)	170,000
Centaurea Imperialis	8,000	Pansy	24,000
Centaurea Gymnocarpa	7,500	Petunia-Giant Types	160,000
Centaurea Candidissima	7,500	Petunia, Hybrid Bedding	280,000
Chrysanthemum Annual	10,000	Petunia, Grandiflora	240,000
Cleome	12,500	Phlox	17,000
Coleus	(1/8 oz.) 7,000	Poppy Oriental	150,000
Corn, rainbow	120	Poppy Nudicale	450,000
Coreopsis	12,000	Poppy Shirley	75,000
Cosmos	5,500	Platycodon	30,000
Dahlia	3,000	Portulaca	300,000
Daisy, Shasta	25,000	Primula Polyanthus	33,000
Delphinium, Hybrid	13,000	Pyrethrum	18,000
Dianthus	25,000	Ricinus	30
Digitalis	200,000	Salpiglossis	125,000
Eschscholtzia	15,000	Salvia, Splendens type	7,500
Euphorbia, Varietgated	2,500	Salvia, Farinacea	24,000
Feverfew	140,000	Scabiosa Annual	4,500
Four O'Clocks	500	Scabiosa Caucasica	1,800
Gaillardia Annual	5,000	Schizanthus	46,000
Gaillardia Perennial	9,500	Statice Sinuata	325
Geum	7,000	Stocks 10 Weeks	18,000
Gomphrena	10,000	Sweet Peas	300-350
Guards Ornamental Small	500	Sweet William	30,000
Guards Ornamental Large	150	Thunbergia	1,200
Gypsophila Annual	24,000	Tithonia	2,800
Gypsophila Paniculata	35,000	Torenia, Fournieri	375,000
Helichrysum	45,000	Verbena	10,000
Hollyhocks	3,500	Vinca Rosea	22,000
Hunnemannia	7,000	Viola	25,000
Impatiens	70,000	Zinnia, Large	3,000
Kochia	30,000	Zinnia, Lilliput	4,800
Lantana	13,000	Zinnia, Persian Carpet	22,000

QUANTITY DISCOUNTS ON FLOWER SEEDS

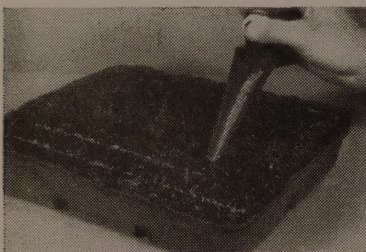
Orders under \$5.00 — Net Cash

	Cash	Charge
\$ 5.00 to \$ 24.00	5%	3%
25.00 to 99.00	8%	6%
100.00 to 149.00	10%	8%
150.00 to 199.00	12%	10%
200.00 to 300.00	15%	13%

Charge accounts if paid in 10 days may deduct an additional 2%. Transportation is prepaid.

Quantity Discounts apply if winter and spring bills are paid June 10th or before.

VIBRA-SEEDER



Provides the really efficient way to sow seeds by hand. Handles all sizes and shapes of seed, fine or coarse, giving an even flow and an even stand of seedlings. Operates with flashlight battery.

Price \$3.25 Postpaid
(Battery not included)

Vigorous — Well Rooted

STRAWBERRY PLANTS

20 Varieties — Home Grown — State Inspected

Ask for prices picked up in Canton as we cannot ship.

RELIABLE FLOWER SEEDS

THAT GIVE FULL QUOTAS OF TRUE-TO-TYPE PLANTS



Ageratum Blue Mink with Annual Sweet William

AGERATUM

***Blue Mink.** New, very early flowering tetraploid strain with large, fluffy, powder blue flowers on uniform 6-inch plants.

$\frac{1}{32}$ oz. 35c, $\frac{1}{8}$ oz. \$1.00, $\frac{1}{4}$ oz. \$1.75, oz. \$5.50.

Blue Bedder. Dwarf (5 in.) Flowers lavender blue.

$\frac{1}{16}$ oz. 45c, $\frac{1}{8}$ oz. 80c, $\frac{1}{4}$ oz. \$1.40, oz. \$4.50.

Midget Blue. The most uniform very dwarf (3-4 in.)

$\frac{1}{16}$ oz. 45c, $\frac{1}{8}$ oz. 80c, $\frac{1}{4}$ oz. \$1.40, oz. \$4.50.

Fairy Pink. Soft salmon pink, on dwarf, compact plants.

$\frac{1}{32}$ oz. 35c, $\frac{1}{8}$ oz. \$1.00, $\frac{1}{4}$ oz. \$1.75, oz. \$6.00.

ALYSSUM



Rosie O'Day—New Pink Alyssum

Rosie O'Day. Most truly pink Alyssum yet introduced and a Silver Medal Winner in 1961 All-America trials. Deep rose flowers on very dwarf procumbent plants on the order of the white Carpet of Snow.

$\frac{1}{32}$ oz. 50c, $\frac{1}{16}$ oz. 80c, $\frac{1}{8}$ oz. \$1.50, $\frac{1}{4}$ oz. \$2.50, oz. \$7.50.

Pink Heather. A heather or lavender pink.

$\frac{1}{16}$ oz. 30c, $\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 90c, oz. \$3.00, $\frac{1}{4}$ lb. \$10.00.

Carpet of Snow-Procumbens. Extra good strain which grows flat on the ground like a carpet.

$\frac{1}{8}$ oz. 20c, $\frac{1}{4}$ oz. 35c, oz. \$1.00, $\frac{1}{4}$ lb. \$3.25.

Royal Carpet. Rich royal purple flowers. Dwarf.

$\frac{1}{16}$ oz. 30c, $\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 90c, oz. \$2.75, $\frac{1}{4}$ lb. \$8.00.

Violet Queen Improved Strain. Violet flowers.

$\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.50, $\frac{1}{4}$ lb. \$4.50.

AMARANTHUS Molten Fire. Variegated deep red foliage, with brilliant scarlet heads, 4 ft.

$\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 65c, oz. \$2.00.

ANTIRRHINUM — "SNAPS"

ROCKET

F1 Hybrids

All America for 1960

F1 Hybrids purposely bred for outdoor garden use and heat tolerance. Long spikes with evenly spaced florets on vigorous uniform plants. The writer observed several trials of the Rockets during the summers of 1959 and 1960 and they were outstanding.



Red Rocket

Golden Rocket

Rose Rocket

Orchid Rocket

Bronze Rocket

White Rocket

Rocket Mixed Colors

Any above Trade Pkt. (500 seeds) \$1.50 each.

$\frac{1}{128}$ oz. \$2.75, $\frac{1}{64}$ oz. \$6.25, $\frac{1}{32}$ oz. \$10.00.

SPRITE F1 HYBRID "SNAPS"

A semi-dwarf type (14 to 18 in.) of incredibly uniform growth, just ideal for bedding. The plants bloom early and over a long season.

Sprite Mixed Colors. Tr. Pkt. \$2.00, $\frac{1}{64}$ oz. \$3.75.

VANGUARD DOUBLE HYBRID

A sensational double flowering variety with long tapered spikes filled with flowers of cerise rose with yellow markings on the tips. Plants have the hybrid vigor and uniformity. 3 ft. tall.

Tr. Pkt. \$1.40, $\frac{1}{128}$ oz. \$2.50.

NEW PANORAMA SNAPDRAGONS

A panorama of colors in long, graceful, well filled spikes. An F2 grown directly from separate F1 Hybrids. Ideal for cutting in the garden. 24 inches tall.

Panorama Mixed. $\frac{1}{32}$ oz. 50c, $\frac{1}{16}$ oz. 90c, $\frac{1}{8}$ oz. \$1.60, $\frac{1}{4}$ oz. \$3.00, oz. \$9.00.

*MARDI GRAS F2 HYBRID SNAPS

Combines earliness with hybrid vigor, and long flower spikes in a very wide range of colors.

$\frac{1}{16}$ oz. 35c, $\frac{1}{8}$ oz. 60c, $\frac{1}{4}$ oz. \$1.00, oz. \$3.00.

TETRA GIANT RUFFLED TYPE

Tall vigorous plants with extra large florets and long flower spikes. Ideal for grower who sells plants.

Crimson

Yellow

Pink Shades

Sunset Bronze Shades

White

Any above Tetras—

$\frac{1}{32}$ oz. 45c, $\frac{1}{16}$ oz. 75c, $\frac{1}{8}$ oz. \$1.35, $\frac{1}{4}$ oz. \$2.50, oz. \$7.50.

Giant Tetra Mixed.

$\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 75c, $\frac{1}{4}$ oz. \$1.20, oz. \$3.60, $\frac{1}{4}$ lb. \$10.80.

GIANT MAXIMUM RUST RESISTANT VARIETIES
Maximum Mixed. Well blended for colors.

$\frac{1}{16}$ oz. 30c, $\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 90c, oz. \$3.00.

POPULAR ASTERS

SUPER GIANT WILT RESISTANT VARIETIES

The finest Giant Asters, with immense ostrich feather flowers and long heavy non-lateral stems. 3 feet tall.

Beverly Hills. Azure blue. **Pasadena.** Peach blossom.
Hollywood. Pure white. **Santa Barbara.** Purple
El Monte. Crimson. **Palm Springs.** Deep rose

Any above— $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 70c, $\frac{1}{2}$ oz. \$1.20, oz. \$4.00.

Super Giant Mixed.

$\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, $\frac{1}{2}$ oz. \$1.10, oz. \$3.60.

EARLY GIANT WILT RESISTANT

Giants of California type flowers, blooming a month earlier than Super Giants on 1 $\frac{1}{2}$ ft. plants.

Early Giant Mixed.

$\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, $\frac{1}{2}$ oz. 90c, oz. \$3.20.

BALL WILT RESISTANT ASTERS

The finest long stemmed, cut flower group, normally blooming mid to late August.

Shell Pink Ball **Rose Ball** **Azure Ball**
White Ball **Dark Purple Ball** **Phlox Ball**
Ball Strains Florist's Mixture

Any Above

$\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 90c, $\frac{1}{2}$ oz. \$1.60, oz. \$5.00.

AMERICAN BRANCHING WILT RESISTANT ASTERS

Azure Blue **Crimson** **Purple**
Shell Pink **Rose** **White**

Any color— $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, oz. \$2.00.

American Branching WR Mixed.

$\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 55c, oz. \$1.80, $\frac{1}{2}$ lb. \$5.40.

IMP. CREGO WILT RESISTANT ASTERS

Shell Pink **Blue Flame** **Light Blue**
Deep Rose **Crimson** **White**

Any color— $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, oz. \$2.00.

Crego W R Mixed. $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 55c, oz. \$1.80.

EARLY ROYAL WILT RESISTANT ASTERS

Best of the early blooming Asters. Plants 2-2 $\frac{1}{2}$ ft.

Royal WR Mixed. $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 55c, oz. \$1.80.

BOUQUET TYPE. POWDER PUFF MIXTURE.

Plants upright, bearing quilled flowers on long stems. Very early and excellent for cutting or home garden.

$\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 75c, $\frac{1}{2}$ oz. \$1.25, oz. \$4.00.

PRINCESS ASTERS MIXED

Flowers have crested centers, surrounded by multiple rows of guard petals. Long stemmed flowers excellent for cutting.

$\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, $\frac{1}{2}$ oz. 90c, oz. \$3.00.

BALSAM

Double Camellia Flowered Mixed.

$\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.25.

Bush Flowered Dwarf Mixed. Lower growing type with flowers produced above the foliage.

$\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, oz. \$2.00, $\frac{1}{2}$ lb. \$6.00.

Bush Flowered Cinnabar Scarlet.

$\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 75c, oz. \$2.25, $\frac{1}{2}$ lb. \$7.00.

BEGONIAS—Fibrous Rooted F1 Hybrids

Dwarf strains, 5 to 6 inches high.

Ball Deep Rose — Ball Red — Snowbank

Any above Tr. Pkt. \$1.50, 1/64 oz. \$3.30.

ORGANDY MIXTURE. An outstanding color mixture of F1 Hybrids. Tr. Pkt. \$1.50.

BASIL—ORNAMENTAL

DARK OPAL—All-America for 1962

An excellent decorative border plant as well as a culinary herb. Plants are a uniform height of 15 inches. Foliage very attractive, dark purplish-bronze. Small lavender-white flowers borne on a slender spike makes a striking contrast with the foliage.

$\frac{3}{32}$ oz. 40c, $\frac{1}{8}$ oz. 70c, $\frac{1}{4}$ oz. \$1.20, $\frac{1}{2}$ oz. \$2.00, oz. \$6.00.

BELLS OF IRELAND

A popular novelty used in various arrangements either in the fresh or dried state. Easily grown in benches, pots or outdoors in the summer. About 4200 seeds per ounce.

$\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, oz. \$1.80.

BROWALLIA Speciosa Major. The best variety for pots.

Tr. Pkt. \$1.00, $\frac{3}{32}$ oz. \$1.75, $\frac{1}{8}$ oz. \$3.00.

CALENDULAS

Pacific Beauty Double Mixed. Better flowers of soft unusual shades. This strain blooms well in summer heat.

$\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.20, $\frac{1}{2}$ lb. \$3.60.

CANDYTUFT

Giant Hyacinth White. Special florists' strain.

$\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, oz. \$1.20.

Umbellata Mixed. $\frac{1}{4}$ oz. 30c, oz. 90c.

CARNATIONS—ANNUAL

Chabaud's Double Imp. Bearing fine large double flowers on plants of vigorous upright habit about 20 inches tall. They are tender perennials grown as annuals, blooming about 5 months from early sown seed.

$\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, $\frac{1}{2}$ oz. 90c, oz. \$3.20.

Marguerite Double Mixed.

$\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, $\frac{1}{2}$ oz. 75c, oz. \$2.25.

DWARF BOUQUET MIXTURE CARNATIONS

Superior for gardens and borders as growth habit is compact and dwarf, 12 inches. Good color range with large blooms. A fine item for the bedding plant grower.

$\frac{1}{8}$ oz. 65c, $\frac{1}{4}$ oz. \$1.20, $\frac{1}{2}$ oz. \$2.00, oz. \$6.00.

CELOSIAS

CRISTATA, COCKSCOMB TYPE

New Toreador. Beautiful heads of rich crimson. Plants uniformly 18 to 24 inches high.

$\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, $\frac{1}{2}$ oz. 90c, oz. \$3.00.

Cockscomb Dwarf Mixed. Red, rose, yellow shades.

$\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, $\frac{1}{2}$ oz. 65c, oz. \$2.00.

PLUMOSA, PLUMED TYPE

Pampas Plume Mixed. Beautiful large plumes in rich colors, crimson, scarlet, copper, gold and bronze.

$\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, $\frac{1}{2}$ oz. 75c, oz. \$2.40.

Golden Fleece. Golden yellow plumes.

$\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, $\frac{1}{2}$ oz. 90c, oz. \$3.00.

Forest Fire. Brilliant red plumes.

$\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, $\frac{1}{2}$ oz. 90c, oz. \$3.00.

DWARF PLUMOSA

Plants 12 inches high, excellent for pots and combinations and bedding.

Fiery Feather Red

Golden Feather Yellow

Feather Mixed

Either variety— $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, $\frac{1}{2}$ oz. 80c, oz. \$2.50.



PETUNIAS and SNAPDRAGONS

*enhance the
beauty of
Evergreens
and other
Landscape
Plantings*

LYRIC

PRIMA DONNA IMPROVED



NEW and OUTSTANDING PETUNIAS



CALYPSO



LYRIC—New giant fringed all double light salmon Maytime color.

PRIMA DONNA IMPROVED—A real improvement of the popular All America Award winner. Warm rose pink, early dwarf, free flowering.

CALYPSO—Striking red and white bicolor grandiflora. Brilliant!

CHEROKEE—New warm mid-rose multiflora, early dwarf. Multitudes of bloom.

POLARIS—Violet blue white starred multiflora.

*Be the first to have these
exciting new introductions*

Scientifically bred and grown by
PAN-AMERICAN SEEDS, Inc.



Left: POLARIS; Right: CHEROKEE



LAVENDER LACE

MAYTIME
ALL-AMERICA SELECTION



BLUE MAGIC



CRUSADER



LA PALOMA

COLORFUL PETUNIAS ACCENT THE MODERN LANDSCAPE SCENE

Evergreens and other nursery subjects are shown off to the fullest advantage when highlighted by a special display of color. Petunias bred by Pan American Seeds, Inc. offer the maximum in blooming qualities. Choose from large informal flower types, small uniform flower types, solid colors, striped, starred, doubles . . . all in a complete range of new and popular colors.

Planting tips—Petunias are easy to grow . . . they tolerate many soil types, grow well in sun or light shade, and seldom need spraying or special attention. When planting petunias, space about 10-12 inches. For maximum color display make mass plantings. However, small groupings informally spaced can be very effective in accentuating your favorite nursery subjects.

THE TOP TEN GRANDIFLORA PETUNIAS

BALLERINA—Deep glowing salmon pink.
BLUE LACE—Soft cool orchid blue—veined purple.
BLUE MAGIC—Deep violet-blue. Early, free flowering.
CRUSADER—Striking rose and white. Early.
FIRE DANCE—Deep scarlet with yellow throat.

LA PALOMA—Pure white, soft cream throat.
LAVENDER LACE—Rosy orchid pink, fringed petals.
MAESTRO—Deep intense rose with yellow cream throat.
MAYTIME—Lovely light salmon pink.
TANGO—Large flowered scarlet. Very outstanding.



FIRE DANCE
ALL-AMERICA SELECTION



MAESTRO



GLORIOUS MIXTURE



BALLERINA
ALL-AMERICA SELECTION



TANGO

THE GLORIOUS DOUBLE PETUNIAS

Always a popular favorite, these Pan American double petunias still rival the newer single hybrids. Popular colors:
ALLEGRO—Deep coral salmon.
CAPRICE—Warm bright rose.
MINUET—Lovely orchid lavender.
NOCTURNE—Deep midnight purple.
PRESTO—Pretty rose and white.
RHAPSODY—Wine purple.
SONATA—Giant pure white.



BLUE LACE



SUGAR PLUM



NEPTUNE



VENUS



SATELLITE



COMANCHE

ALL-AMERICA PETUNIA SOCIETY



MERCURY

PLANT MULTIFLORA PETUNIAS

FOR MASSES OF COLOR

COMANCHE—A.A.S. Unequaled for vivid splashes of flaming red. New deeper color and weather tolerance. Compact, sturdy plants.

MERCURY—New light Heavenly Blue hybrid. The first dwarf light blue. Progress in breeding this color obvious in this year's crop.

NEPTUNE—This light violet blue fills the gap between Mercury and Blue Magic. Lovely with yellow Rocket Snapdragon.

SATELLITE—Millions of scintillating white stars on bright rose pink. Early, compact. A terrific bloomer.

SUGAR PLUM—New and different. Already very popular. Bright orchid on plum purple center. Excellent habit and weather resistance.

VENUS—New lovely Celestial Rose pink on extra dwarf, vigorous, compact, free blooming plants. A real hit!

Other Pan American Multiflora petunias not shown:

PALEFACE—A.A.S. White—solid masses.

LINDA—The prettiest light salmon pink.

SIOUX—Rich coral pink.

AZTEC—Brilliant scarlet with yellow throat. Brightest red in regions where best adapted.

INCA—Brightest, deep rose-red.

COMET—Deep crimson red, perfect white star. Compact, early.

MARS—Deep velvety crimson.

ROCKET SNAPDRAGONS

A.A.S. New for 1960. A smash hit. For the first time hybrid garden snapdragons—in fact the first to be bred especially for the American climate.

Seven colors, separate or mixture of all. Rose, White, Yellow, Pink, Orchid, Bronze and Red.

CENTAUREA CYANUS—Bachelor's Button

Blue Boy Red Boy Pinkie Snow Man

Any above— $\frac{1}{4}$ oz. 25c, oz. 75c, $\frac{1}{4}$ lb. \$2.25.

Finest Double Mixed. $\frac{1}{4}$ oz. 20c, oz. 65c, $\frac{1}{4}$ lb. \$2.00.

CENTAUREA GYMNOCARPA—Dusty Miller. The tall (24 in.) fast growing type with silvery grey leaves. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.25.

CENTAUREA CANDIDISSIMA—Dusty Miller. The lower (6 in.) slower growing type with silvery white foliage.

$\frac{1}{8}$ oz. 35c, $\frac{1}{8}$ oz. 60c, $\frac{1}{4}$ oz. \$1.00, oz. \$3.75.

CLEOME-SPIDER PLANT

Pink Queen. Large heads of luminous pink flowers.

White Queen. A sport of Pink Queen with white blooms.

Either variety— $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 65c, oz. \$2.00.

COLEUS

Our customers report excellent results from our Coleus seed—good germination and brilliant coloring.

Rainbow Select Strain. Unusually bright colors, medium leaves.

Tr. Pkt \$1.00, $\frac{1}{32}$ oz. \$1.75, $\frac{1}{16}$ oz. \$3.00, $\frac{1}{8}$ oz. \$5.60, $\frac{1}{4}$ oz. \$10.00.

Rainbow Coleus in Separate Colors:

Red Shades	Cream White Edged Green
Rose Shades	Pink Rainbow
Salmon Pink (Pastel)	Velvet Red Rainbow

Candidum, yellow edged green.

Any above—Tr. Pkt. \$1.00, $\frac{1}{64}$ oz. \$1.75, $\frac{1}{32}$ oz. \$3.00, $\frac{1}{16}$ oz. \$5.00.

Avalon Strain. Very rich colors with the desired medium size leaves.

$\frac{3}{32}$ oz. 90c, $\frac{1}{16}$ oz. \$1.50, $\frac{1}{8}$ oz. \$2.75, $\frac{1}{4}$ oz. \$5.00.

CORN, INDIAN ORNAMENTAL

Rainbow corn with variously colored kernels.

$\frac{1}{4}$ lb. 35c, lb. 85c, 10 lbs. @ 75c lb.

COSMOS

Early Single Sensation Mixed. The finest strain.

$\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.50.



DAHLIA

Dwarf for Bedding

The very best on the market

Unwin's Dwarf Double Hybrids. Improved strain with a wide variety of colors, nearly all double and semi-double. Blooms in about 80 days from seed. Plants $1\frac{1}{2}$ to 2 feet high. Can be forced earlier.

$\frac{1}{16}$ oz. 25c, $\frac{1}{8}$ oz. 45c,
 $\frac{1}{4}$ oz. 80c, oz. \$2.50,
 $\frac{1}{4}$ lb. \$7.50.

DIANTHUS—Annual Pinks

Gaiety Double Mixed. Large flowers with deeply fringed edges, in brilliant colors.

$\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, oz. \$1.80.

DIANTHUS BRAVO—All-America for 1962

A uniform low-growing (9-in.) annual "Pink" covered with the most brilliant scarlet single flowers about $1\frac{1}{2}$ in. across. Excellent bedding or border plant, blooming over a long season.

$\frac{1}{32}$ oz. 75c, $\frac{1}{16}$ oz. \$1.25, $\frac{1}{8}$ oz. \$2.25, $\frac{1}{4}$ oz. \$4.00, oz. \$12.00.

ESCHSCHOLTZIA—California Poppy

Mission Bells Mixed. Doubles and semi-doubles.

$\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.20.

FOUR-O-CLOCK—Tall Mixed

$\frac{1}{4}$ oz. 15c, oz. 45c, $\frac{1}{4}$ lb. \$1.25.

GAILLARDIA—Annual

Gaiety or Sunshine mixed doubles.

$\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.60.

GOMPHRENA—GLOBE AMARANTH

An everlasting with clover-like blooms, useful in the garden as well as for winter bouquets.

Dwarf Buddy. Vivid purple flowers, uniform ball shaped plants about 6 in. tall, excellent for pot plants or edgings.

Dwarf Cissie. Pure white flowers.

Either above— $\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 90c, oz. \$2.70.

GOURDS—Ornamental

Large Fruited Mixed.

Small Fruited Mixed.

Either— $\frac{1}{4}$ oz. 25c, oz. 75c, $\frac{1}{4}$ lb. \$2.25.

GYPSOPHILA—Annual Baby's Breath

Covent Garden Strain. Finest white.

$\frac{1}{4}$ oz. 10c, oz. 30c, $\frac{1}{4}$ lb. 90c, lb. \$2.75.

HELICHRYSUM—Strawflower

MONSTROSUM. Mixed. The most popular Everlasting or Strawflower used for drying.

$\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.40.

KOCHIA - FIRE BUSH

CHILDSI— $\frac{1}{4}$ oz. 20c, oz. 50c, $\frac{1}{4}$ lb. \$1.60.

IMPATIENS—Sultan's Balsam

One of the best bedding plants for shady locations and ideal for spring pot plants. Free blooming with attractive dark green glossy foliage. The dwarf varieties are superior for bedding. Sow seed early and keep moist at temperature of 70-75 degrees.

Following strains are 6 inches high:

Dwarf Orange Baby

Dwarf Scarlet Baby

Dwarf Blaze. Orange scarlet flowers contrasting with very dark foliage.

Dwarf Baby Mixed. Many lovely shades.

Any above—Tr. Pkt. \$1.00, $\frac{1}{64}$ oz. \$1.75, $\frac{1}{32}$ oz. \$2.75, $\frac{1}{16}$ oz. \$4.75, $\frac{1}{8}$ oz. \$9.00.

Semi-Dwarf Mixed. Plants 10-12 in. high. $\frac{1}{64}$ oz. 85c, $\frac{1}{32}$ oz. \$1.50, $\frac{1}{16}$ oz. \$2.50, $\frac{1}{8}$ oz. \$4.00.

LANTANA Dwarf Hybrid Mixed. 12 inches. Sow seed early with bottom heat.

$\frac{1}{16}$ oz. 30c, $\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 90c, oz. \$2.70.

LARKSPUR

The best colors in the giant flowering, base branching, vigorous growing type. Long spikes of large fully double flowers.

Dark Blue

Lilac

Light Pink

Light Blue

Deep Rose

Salmon Rose

Regal White

Any color. $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.50, $\frac{1}{4}$ lb. \$4.50.

Formula Mixture. $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.50, $\frac{1}{4}$ lb. \$4.50, lb. \$13.50.

LOBELIA

Crystal Palace. Dwarf deep blue.

$\frac{1}{16}$ oz. 35c, $\frac{1}{8}$ oz. 60c, $\frac{1}{4}$ oz. \$1.10, oz. \$3.50.

Rosamond. Rose with white eye.

$\frac{1}{16}$ oz. 35c, $\frac{1}{8}$ oz. 60c, $\frac{1}{4}$ oz. \$1.10, oz. \$3.50.

THE BEST MARIGOLDS



Marigold Crackerjack for Garden or Cutting

MARIGOLD—Climax F1 Hybrid

Gorgeous flowers, giant globe shaped blooms 4 to 5 inches across. Fully double Carnation flowered on plants 2½ to 3 ft. high.

Climax Mixed. Light and deep yellow and orange.

1/64 oz. 85c, 1/8 oz. \$2.50, 1/4 oz. \$4.00, 1/2 oz. \$7.00.

MARIGOLD—Toreador F1 Hybrid

New All-America Winner for 1960

An addition to the Climax strain, but the plants are more bushy, bloom more profusely and earlier of a rich orange shade.

1/64 oz. 85c, 1/8 oz. \$2.50, 1/4 oz. \$4.00, 1/2 oz. \$7.00.

CARNATION FLOWERED—Gigantea

Crackerjack. Produces huge flowers similar to Sunset Giants but the plants come into blooms weeks earlier. Your customers will appreciate the 4-5 inch flowers uniformly doubled in the full Marigold color range, primrose yellow, gold and orange. Plants 3½ ft. tall.
1/8 oz. 25c, 1/4 oz. 40c, 1/2 oz. 75c, oz. \$2.50, 1 lb. \$7.50.

Gigantea Sunset Giants. Large ruffled, tightly petalled flowers on 3½ ft. tall plants. All shades, orange, gold, yellow and lemon.

1/8 oz. 30c, 1/4 oz. 50c, oz. \$1.60.

Fluffy Ruffles. Outstanding with immense orange, beautifully ruffled flowers on plants 20 inches tall.
1/8 oz. 30c, 1/4 oz. 50c, oz. \$1.80.

Yellow Supreme. Fragrant creamy yellow, 2½ ft. Above three—1/8 oz. 30c, 1/4 oz. 50c, oz. \$1.60, 1 lb. \$4.80.

MARIGOLD "MUM" FLOWERED



Tall for cutting 2-2½ feet.
Have quilled incurved petals.

Glitters. Clear yellow.

Mam. Mum. Pale yellow.

Goldsmith. Golden orange.

Yellowstone. Golden yellow.

Limestone. Soft lemon.

Any above

1/8 oz. 35c, 1/4 oz. 65c,
oz. \$2.00.

Chrysanthemum Flowered Hybrids. All shades and forms.

1/8 oz. 30c, 1/4 oz. 55c, oz. \$1.80, 1 lb. \$5.40.

TALL DOUBLE AFRICAN-FISTULOSA

Large ball shaped flowers on 3 ft. plants. A fine cutting strain.

Lemon All-Double

Orange All-Double

Either above—1/8 oz. 35c, 1/4 oz. 60c, oz. \$1.75.

African Tall Double Mixed.

1/8 oz. 30c, 1/4 oz. 55c, oz. \$1.50.

DWARF DOUBLE FRENCH MARIGOLDS

A very important group for the florist because of their usefulness in pots and combinations and the large number of flat plants sold. We believe our listing covers all the most desirable.



Marigold—Spun Gold

MARIGOLD—Spun Gold

A dwarf "Mum" flowered type fully double with closely set incurved petals. Bright golden yellow, starting to bloom very early and uniformly bushy plants averaging 12 in. high. A dandy for combination pots or outdoor bedding.

1/8 oz. 50c, 1/4 oz. 90c, 1/2 oz. \$1.50, oz. \$4.50.

A Distinct Novelty

MINIATURE MARIGOLD—GOLDEN TRUMPET

An entirely new and different Marigold because of artificially changed Chromosome values. Flowers are pale yellow with rows of outer petals which are trumpet shaped standing out individually. The center is tightly crested.

Tr. Pkt. 75c, 1/8 oz. \$1.50, 1/4 oz. \$2.85, 1/2 oz. \$5.00, oz. \$20.00.

DWARF CUPID MARIGOLDS

A very fine group with dwarf compact plants 6-8 in. tall and odorless foliage covered with good sized quilled chrysanthemum-like flowers.

Cupid Lemon Yellow

Cupid Golden

Cupid Orange

Cupid Mixed

Any above—1/8 oz. 40c, 1/4 oz. 65c, 1/2 oz. \$1.00, oz. \$3.50.

NEW DWARF MARIGOLDS "PETITE"

Excellent, the plants remaining dwarf throughout the season. Only 5 to 6 inches tall, the bushy plants have a spread of 8 to 10 inches, and are covered with blooms.

Following colors are available:

Petite Orange

Petite Gold

Petite Yellow

Petite Harmony, Mahogany and Gold.

Any color or Petite Mixed. 1/8 oz. 35c, 1/4 oz. 65c, oz. \$2.00.

DWARF MARIGOLD—Continued



Marigold Lemondrop an Early, Profuse Bloomer

Brownie Scout. Bright yellow, fringed mahogany. 6 in.
 $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 55c, oz. \$1.80.

***Harmony.** Orange with maroon collar. 18 inches.
 $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, oz. \$1.50.

Harmony Extra Dwarf. Orange and maroon. 6 inches.
 $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 55c, oz. \$1.80.

***Lemondrop.** Excellent new strain that we believe will replace Yellow Pygmy. Compact, profuse blooming, 9 inch plants.
 $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, oz. \$1.50, $\frac{1}{4}$ lb. \$5.00.

***Rusty Red, Fandango.** Large mahogany red. 10 inches.
 $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, oz. \$1.50.

Scarlet Glow. Mahogany turning to orange. 10 inches.
 $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, oz. \$1.50.

***Spry.** Bright yellow and mahogany. 9 inches.
 $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 55c, oz. \$1.80.

Spry Hybrids. Attractive color combination. 9 inches.
 $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, oz. \$1.50.

Yellow Pygmy. Lemondrop preferred.

Dwarf Double French Mixed. 12-15 in.
 $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.20, $\frac{1}{4}$ lb. \$3.60.

***Color Magic Mixture.** Bright color combination. 10 in.
 $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, oz. \$1.50, $\frac{1}{4}$ lb. \$4.50.

DWARF SINGLE FRENCH MARIGOLDS

These varieties average 12 inches tall except as noted.

***Flash.** Red and gold bicolor.
 $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, oz. \$1.50.

Dainty Marietta. Very early, soft yellow with maroon blotches. 8 to 10 inches tall.
 $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, oz. \$1.50.

***Naughty Marietta.** Golden yellow with maroon blotches.
 $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, oz. \$1.50.

Signata Pumila, Ursula. Covered with small single golden yellow blooms. 9 inches.
 $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, $\frac{1}{4}$ oz. 80c, oz. \$2.40.

NASTURTIUMS

Double Gleam Hybrids.
 oz. 40c, $\frac{1}{4}$ lb. \$1.20, lb. \$3.75.

NICOTIANA

Affinis White. Sweet scented.
 $\frac{1}{8}$ oz. 20c, $\frac{1}{4}$ oz. 35c, oz. \$1.20.

Daylight Sensation Mixed. Lively colors, such as scarlet, crimson, rose, violet, yellow, lilac, white. Flowers remain open in light.
 $\frac{1}{8}$ oz. 45c, $\frac{1}{4}$ oz. 80c, oz. \$2.50.

MORNING GLORIES and IPOMEAS

Being hard seeded, Ipomeas germinate better if seed coat is nicked or the seeds soaked in water for a few hours before planting.

Candy Pink. A novelty salmon-pink flowered variety with lovely 4 inch diameter flowers.
 $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.50.

Heavenly Blue. Most popular of all.
 $\frac{1}{4}$ oz. 25c, oz. 75c, $\frac{1}{4}$ lb. \$2.25.

Moonflower. Large white, night blooming.
 $\frac{1}{4}$ oz. 25c, oz. 75c, $\frac{1}{4}$ lb. \$2.25.

Scarlet O'Hara. The best in dark wine red.
 $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.20, $\frac{1}{4}$ lb. \$3.60.

White Magic (Pearly Gates). Fine large white.
 $\frac{1}{4}$ oz. 30c, oz. 90c, $\frac{1}{4}$ lb. \$3.00.

Imperial Morning Glory Mixed.
 $\frac{1}{4}$ oz. 25c, oz. 75c, $\frac{1}{4}$ lb. \$2.25.

NIEREMBERGIA

Purple Robe. Ideal dwarf bedding or edging plant with rich violet blue flowers.
 Tr. Pkt. 50c, $\frac{1}{2}$ oz. \$1.50, $\frac{1}{4}$ oz. \$2.50.

PANSIES—See Page Following Petunias

PEPPER—Ornamental

Christmas Candle Pepper. Cone shaped, upright growing fruit, creamy yellow changing to orange and red. Fruit freely produced. Pinch plants for better development.
 $\frac{1}{8}$ oz. 50c, $\frac{1}{8}$ oz. 80c, $\frac{1}{4}$ oz. \$1.50, oz. \$4.75.

PHLOX - ANNUAL

PHLOX GIANT TETRA, GLAMOUR

All-America Winner for 1960

A very pleasing salmon pink with deeper eye. Flowers are very large, $1\frac{1}{2}$ inches across, borne on showy umbels. Very uniform plants 12 inches tall.

Pkt. (100 seeds) 60c, $\frac{1}{2}$ oz. \$1.00, $\frac{1}{4}$ oz. \$1.75, $\frac{1}{8}$ oz. \$3.00.

Grandiflora Mixed. 15 in. tall with many fine colors.
 $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, oz. \$2.00, $\frac{1}{4}$ lb. \$6.00.

DWARF VARIETIES

Twinkles Dwarf Star. Twinkles is well named as all the bright phlox colors are present and the flowers are laciniated and fringed. Compact, lovely little plants are uniformly 6-7 inches tall.
 $\frac{1}{8}$ oz. 50c, $\frac{1}{8}$ oz. 80c, $\frac{1}{4}$ oz. \$1.50, oz. \$4.50.

Cecily Florists Strain. Improved nana compacta. A master blending of all colors and extra large flowers. Excellent for pot plants. Dwarf (6 in.) compact plants.
 $\frac{1}{8}$ oz. 45c, $\frac{1}{8}$ oz. 80c, $\frac{1}{4}$ oz. \$1.50, oz. \$5.00, $\frac{1}{4}$ lb. \$17.00.

Dwarf Beauty Mixture. Compact, free flowering strain about 8 inches tall, excellent for combinations or border planting.
 $\frac{1}{8}$ oz. 40c, $\frac{1}{8}$ oz. 70c, $\frac{1}{4}$ oz. \$1.30, oz. \$4.00, $\frac{1}{4}$ lb. \$14.00.

Globe Mixed. Rounded plants of uniform height (5-6 in.) and spread. Free flowering and bright.
 $\frac{1}{8}$ oz. 50c, $\frac{1}{8}$ oz. 90c, $\frac{1}{4}$ oz. \$1.75, oz. \$6.00, $\frac{1}{4}$ lb. \$20.00.

PORTULACA—Rose Moss

Single Mixed. $\frac{1}{8}$ oz. 25c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 70c, oz. \$2.40.

Double Mixed. High percentage fully double.
 $\frac{1}{8}$ oz. 35c, $\frac{1}{8}$ oz. 60c, $\frac{1}{4}$ oz. \$1.00, oz. \$3.25, $\frac{1}{4}$ lb. \$10.00.

PETUNIAS for 1963

PAN AMERICAN DOUBLE PETUNIAS

GRANDIFLORAS

Allegro. Bright salmon, uniformly dwarf.

Caprice. Bright rose, uniformly dwarf.

Lyric. A light salmon pink about the shade of Maytime. Large flowering fully fringed double of compact growth. See color plate.

Minuet. Variegated lavender. Medium tall.

Nocturne. Deep violet purple. Medium dwarf.

Presto Rose and White Variegated. Very showy, a double version of the popular Crusader.

Rhapsody. Burgundy wine-purple. Uniformly dwarf.

Sonata. The finest double White Petunias, large and deeply fringed. Plants of medium dwarf growth.

Price all above— $\frac{1}{2}$ Tr. Pkt. \$2.50, Tr. Pkt. \$4.25, 1/128 oz. \$7.50, 1/64 oz. \$14.00, $\frac{1}{32}$ oz. \$27.00, $\frac{1}{16}$ oz. \$52.00.

Glorious All Double Mixed. Blended from above and other colors. The finest American strain.

$\frac{1}{2}$ Tr. Pkt. \$2.25, Tr. Pkt. \$4.00, 1/128 oz. \$7.50, 1/64 oz. \$14.00, $\frac{1}{32}$ oz. \$26.00, $\frac{1}{16}$ oz. \$50.00.

MULTIFLORA ALL DOUBLES

Smaller, but very free blooming Carnation type flowers on mound shaped, compact, vigorous plants.

America Improved. Fully double, bright rose.

Cherry Tart. In size and growing habit similar to America. Lively coloring of Cherry Red and White Variegated.

Honey Bunch. Soft rich salmon pink.

White Riches. Pure white.

Cardinal. Glowing scarlet red.

Any above Multifloras—Tr. Pkts. \$2.50, 1/128 oz. \$3.75, 1/64 oz. \$7.00, 1/32 oz. \$13.00, 1/16 oz. \$25.00.

Other Fine Double Strains

Giant Dwarf Victorious Mixed. The finest Japanese strain, improved over the original Dwarf Victorious in size of flowers and dwarfer growth.

$\frac{1}{2}$ Tr. Pkt. \$1.75, Tr. Pkt. (1000 seeds) \$3.25, 1/128 oz. \$5.50, 1/64 oz. \$10.00, 1/32 oz. \$17.50, 1/16 oz. \$32.00, $\frac{1}{8}$ oz. \$60.00.

Canadian Mixture. 100% large doubles in shades of rose and salmon, plus mauve and white.

$\frac{1}{2}$ Tr. Pkt. \$2.00, Tr. Pkt. \$3.75, 1/128 oz. \$6.50.

Colossal Shades of Rose. Shades of pink and salmon rose. The largest All-Double Petunia.

$\frac{1}{2}$ Tr. Pkt. \$2.00, Tr. Pkt. \$3.75, 1/128 oz. \$6.50.



Frolic F1 Hybrid

RUFFLED CALIFORNIA GIANTS

Extra Dwarf Potting Strain. Supreme for the pot plant grower because of extreme earliness to bloom, having often 2 enormous blooms all open early to catch the buyer's eye. The color range is excellent. The plants are dwarf and compact, base branching and reaching a maximum height of about 8 inches.

Tr. Pkt. \$1.50, 1/64 oz. \$2.50, $\frac{1}{32}$ oz. \$4.50, $\frac{1}{16}$ oz. \$8.50, $\frac{1}{8}$ oz. \$16.00, $\frac{1}{4}$ oz. \$30.00, $\frac{1}{2}$ oz. \$55.00, oz. \$100.00.

Dwarf Giant Ramona Strain. Excellent standard strain with wide color range, both light and dark shades.

Tr. Pkt. \$1.25, 1/64 oz. \$2.00, $\frac{1}{32}$ oz. \$3.75, $\frac{1}{16}$ oz. \$7.00, $\frac{1}{8}$ oz. \$12.50, $\frac{1}{4}$ oz. \$24.00, $\frac{1}{2}$ oz. \$40.00, oz. \$75.00.

Ruffled Garden Giants. An excellent "Giants" type for outdoor bloom.

Tr. Pkt. 75c, 1/64 oz. \$1.50, $\frac{1}{32}$ oz. \$2.50, $\frac{1}{16}$ oz. \$4.50, $\frac{1}{8}$ oz. \$8.00, $\frac{1}{4}$ oz. \$15.00, $\frac{1}{2}$ oz. \$27.00, oz. \$50.00.

FROLIC—F1 HYBRID

The first F1 hybrid of the Giants of California type Petunias. Immense flowers (6-8 inches), blooming early and doing well under virtually all climatic conditions. Colors include red, rose, white, pink, salmon and combinations of those colors.

$\frac{1}{2}$ Tr. Pkt. \$1.50, Tr. Pkt. \$2.75, 1/128 oz. \$5.00, 1/64 oz. \$9.00, $\frac{1}{32}$ oz. \$17.00, $\frac{1}{16}$ oz. \$32.00, $\frac{1}{8}$ oz. \$60.00.

LARGE FLOWERED PETUNIAS

Open Pollinated

New Popcorn Improved. Fine early white—with improved plant vigor, yet retaining dwarf, compact growth.

Dwarf Elks Pride. A dwarfed strain of this popular deep violet variety, which runs virtually 100% true.

Snowstorm Improved. The most popular large flowered pure white. Our strain is excellent.

Fringed Snowstorm. White with faint yellow throat.

Theodosia Imp. Brilliant rose with golden yellow throat. Prices all above except Bingo.

Tr. Pkt. 85c, 1/64 oz. \$1.75, $\frac{1}{32}$ oz. \$3.25, $\frac{1}{16}$ oz. \$5.75, $\frac{1}{8}$ oz. \$10.50, $\frac{1}{4}$ oz. 20.00.

Bingo. Very large flowered, rich wine red and white.

Tr. Pkt. \$1.25, 1/64 oz. \$4.00, 1/32 oz. \$7.50, 1/16 oz. \$13.75.



Crusader

GRANDIFLORA

F1 Hybrid Petunias

An increasingly popular class because of the size and beauty of the flowers and improvements in colorings and plant growth accomplished in the past few years.



Prima Donna Improved

PAN AMERICAN STRAINS

Ballerina. Soft glowing salmon, dwarf spreading plants.

Black Magic. Free flowering, deep violet purple.

Blue Magic. Medium deep violet blue, slightly fringed and ruffled. Plants dwarf compact, vigorous.

Blue Lace. Light orchid blue with deep violet blue veining, with ruffled and fringed blooms.

Calypso. Striking red and white variegated, nicely fringed flowers. The plants hold to dwarf compact, yet vigorous growth.

Cavalier. A fine new rich salmon and white variegated with fringed petals.

Crusader. Striped rose pink and white, a lovely gay color.

Fire Dance. Brilliant, eye-catching color, salmon scarlet with yellow throat.

LaPaloma. Free flowering white, creamy throat. Very uniform.

Lavender Lace. Rosy orchid lavender, pencilled deeper.

Maestro. Fringed and ruffled, warm cerise rose red, with yellow throat.

Maytime. A real champion. Light salmon pink, extremely free flowering on uniformly compact, base branching plants.

Pink Magic. A smooth, bright pink, very attractive for bedding and ideal for dwarf pot plants.

Prima Donna Improved. An outstanding bright rose-pink, free flowering. Plants are uniformly dwarf and base branching.

Red Cascade. Fiery, scarlet red large flowers on vigorous spreading plants.

Sabre Dance. Extra large flowers of deep crimson starred with white.

Tango. Fine deep scarlet-salmon. Well fringed, free flowering and uniformly dwarf.

Toreador. Velvety crimson red, large and slightly ruffled.

White Magic. Combines earliness, heavy production of flowers and dwarf habit of growth. Large ruffled.

Prices on all above colors.

½ Tr. Pkt. \$1.35, Tr. Pkt. \$2.50, 1/128 oz. \$4.00, 1/64 oz. \$7.50, ⅓ oz. \$13.50, ⅛ oz. \$25.00, 1/8 oz. \$47.00.

Color Parade F1 Hybrid Mixture

An extremely well balanced mixture of named F1 Grandiflora-Hybrids. From our own observation a planting of Color Parade is just as the name implies. Tr. Pkt. \$1.25, 1/128 oz. \$2.00, 1/64 oz. \$3.50, ⅓ oz. \$6.25, ⅛ oz. \$11.50, 1/8 oz. \$22.00, ¼ oz. \$40.00.

Carnival F2 Hybrid Mixture. Large flowers, some fringed, some ruffled in a lively mixture of colors.

Tr. Pkt. 85c, 1/64 oz. \$1.50, ⅓ oz. \$2.50, ⅛ oz. \$4.00, 1/8 oz. \$7.50, ¼ oz. \$13.00, 1/2 oz. \$25.00, oz. \$48.00.

THE "LUSTRES"

Blue Lustre. The rich purple blue of Elks Pride changing to a silvery mid blue. Blooms early and in greater profusion than other blue grandifloras.

Salmon Lustre. A lively, yet soft shade of light salmon, free flowering over the whole season. Has excellent plant habit.

Scarlet Lustre. Scarlet red with contrasting yellow throat—the brightest combination ever. Flowers are 100% ruffled grandiflora. Plants a foot high with 2 ft. spread, heavy and continuous blooming.

Any above Lustres. ½ Tr. Pkt. \$1.75, Tr. Pkt. \$3.00, 1/128 oz. \$5.00, 1/64 oz. \$9.00, 1/32 oz. \$16.00, 1/16 oz. \$30.00.

Other Fine Grandiflora Hybrids

Fire Gleam. Free blooming, well fringed scarlet, slightly lighter than Tango.

Flirt. Clear, light pink flowers of medium size. Plants vigorous, fairly compact.

Blue Mantle. Medium size ruffled flowers of deep violet blue.

Minstrel. A distinct coloring, white marked with rich blue.

Red Ensign. Dazzling salmon scarlet with golden throat. A true grandiflora, wavy petalled. Plants are of uniformly dwarf growth. Received Award of Merit Royal Horticultural Society.

Snow Cap. Very early pure white plain petalled blooms on dwarf vigorous plants.

Snow Lady. Pure white fringed and ruffled flowers starting to bloom early when plants are small. Excellent pot plants.

Price above seven—½ Tr. Pkt. \$1.00, Tr. Pkt. \$1.75, 1/128 oz. \$3.00, 1/64 oz. \$5.50, 1/32 oz. \$10.00, 1/16 oz. \$18.00, 1/8 oz. \$32.00.

QUANTITY DISCOUNTS ON FLOWER SEEDS

Orders under \$5.00 — Net Cash

	Cash	Charge
\$ 5.00 to \$ 24.00	5%	3%
25.00 to 99.00	8%	6%
100.00 to 149.00	10%	8%
150.00 to 199.00	12%	10%
200.00 to 300.00	15%	13%

Charge accounts if paid in 10 days may deduct an additional 2%. Transportation is prepaid.

MULTIFLORA F1 HYBRIDS

An outstanding race of Petunias, medium large flowered, plain petalled. Free flowering, so excellent bedders. The hybrid character means virtually 100% uniformity in color and growth.



Petunia Glitters—Very Bright

PAN AMERICAN

- Aztec** Scarlet red with richly contrasting gold throat.
Cherokee. Fine deep rose, free flowering and base branching habit.
Comanche Improved. The finest red petunia, a must for every plant grower.
Comet. Warm crimson with perfect white star. Early and free flowering.
Linda. In our estimation the finest salmon-pink.
Mars. Large true crimson.
Mercury. Medium light blue—non fading, with light yellow throat. More dwarf and compact than other blues.
Neptune. Said to be the truest blue of any Petunia.
Polaris. Deep violet blue with pure white star.
Satellite. Bright rose with white star, larger and more brilliant than Twinkles.
Sugar Plum. Outstanding new free flowering variety. Bright orchid flowers with veinings of deeper wine red.
Venus. (Mohawk Imp.) Celestial rose pink, warmer shade and better blooming than Mohawk.
 All above group— $\frac{1}{2}$ Tr. Pkt. \$1.00, Tr. Pkt. \$1.75, $\frac{1}{128}$ oz. \$3.00, $\frac{1}{64}$ oz. \$5.50, $\frac{3}{32}$ oz. \$10.00, $\frac{1}{8}$ oz. \$17.50, $\frac{1}{4}$ oz. \$30.00, $\frac{1}{2}$ oz. \$58.00.

MULTIFLORA MIXED PETUNIAS

$\frac{1}{2}$ Tr. Pkt. \$1.00, Tr. Pkt. \$1.75, $\frac{1}{128}$ oz. \$2.50, $\frac{1}{64}$ oz. \$4.50, $\frac{3}{32}$ oz. \$8.00, $\frac{1}{8}$ oz. \$14.00, $\frac{1}{4}$ oz. \$25.00.

DWARF BEDDING PETUNIAS

- Admiral.** A definitely improved strain of this deep violet blue variety. Dwarf, compact plants.
 Tr. Pkt. \$1.00, $\frac{3}{32}$ oz. \$2.00, $\frac{1}{8}$ oz. \$3.50, $\frac{1}{4}$ oz. \$6.50, $\frac{1}{2}$ oz. \$12.00.
Celestial Rose Impd. An excellent strain of this most popular rose-pink.
 $\frac{1}{8}$ oz. 60c, $\frac{1}{4}$ oz. \$1.00, $\frac{1}{2}$ oz. \$1.75, oz. \$5.50.
Fire Chief. Brilliant red.
 $\frac{3}{32}$ oz. 90c, $\frac{1}{8}$ oz. \$1.50, $\frac{1}{4}$ oz. \$2.50, $\frac{1}{2}$ oz. \$4.00, oz. \$12.00.
Howard's Star Impd. Purple, starred white. Variable.
 $\frac{1}{8}$ oz. 60c, $\frac{1}{4}$ oz. \$1.00, $\frac{1}{2}$ oz. \$1.75, oz. \$5.50.
Rosy Morn. Rose-pink, white throat.
 $\frac{1}{8}$ oz. 60c, $\frac{1}{4}$ oz. \$1.00, $\frac{1}{2}$ oz. \$1.75, oz. \$5.50.
Silver Blue F2 Hybrid. Clear heavenly blue, very uniform, holding color well.
 $\frac{3}{32}$ oz. 50c, $\frac{1}{8}$ oz. 85c, $\frac{1}{4}$ oz. \$1.50, $\frac{1}{2}$ oz. \$2.50, oz. \$7.50.



Red Satin—Note uniform growth and wealth of bloom.

Other Outstanding Multiflora Hybrids

- Glitters.** Brilliant scarlet with sharply contrasting pure white star. Plant growth is dwarf and compact.
 $\frac{1}{2}$ Tr. Pkt. \$1.35, Tr. Pkt. \$2.50, $\frac{1}{128}$ oz. \$3.75, $\frac{1}{64}$ oz. \$7.00, $\frac{3}{32}$ oz. \$12.50, $\frac{1}{8}$ oz. \$23.00, $\frac{1}{4}$ oz. \$43.00.

The "Satins"

- The Satin group originated by Bodger are exceptionally compact mounded plants—all very free flowering throughout the season.
Coral Satin. Winner of the All America Bronze Medal for 1961. Lovely coral rose—deeper than Peach Satin. Plants are very dwarf and compact.
Red Satin. All-America Award for 1957. Vivid, shining red flowers which heat and sunshine fail to fade.
Pink Satin. Bright rose pink of satiny texture.
Peach Satin. Opening coral pink the flower unfolds to a warm salmon-pink. Like the others a compact grower.
White Satin. Early and very free flowering with dwarf habit.
Blue Ribbon. Clear violet blue in color like Blue Lustre. Very free flowering.
 Price above "Satins" and Blue Ribbon.
 $\frac{1}{2}$ Tr. Pkt. \$1.25, Tr. Pkt. \$2.00, $\frac{1}{128}$ oz. \$3.25, $\frac{1}{64}$ oz. \$6.00, $\frac{3}{32}$ oz. \$11.50, $\frac{1}{8}$ oz. \$21.00, $\frac{1}{4}$ oz. \$39.00.

- Snowball Improved.** Our finest open pollinated white bedding Petunia, good bushy plants covered with fully rounded flowers.
 $\frac{3}{32}$ oz. 35c, $\frac{1}{8}$ oz. 60c, $\frac{1}{4}$ oz. \$1.00, $\frac{1}{2}$ oz. \$1.75, oz. \$5.50.
Topaz Queen. A bright scarlet-rose that does not fade.
 $\frac{3}{32}$ oz. 40c, $\frac{1}{8}$ oz. 75c, $\frac{1}{4}$ oz. \$1.25, $\frac{1}{2}$ oz. \$2.00, oz. \$6.50.
Twinkles. Lively and bright rose-pink, starred white.
 $\frac{1}{8}$ oz. 60c, $\frac{1}{4}$ oz. \$1.00, $\frac{1}{2}$ oz. \$1.75, oz. \$5.50.
Velvet Ball or King Henry. Very compact dwarf growth with rich blood red flowers.
 Tr. Pkt. 50c, $\frac{3}{32}$ oz. \$1.75, $\frac{1}{8}$ oz. \$3.00, $\frac{1}{4}$ oz. \$5.50.

Bonanza F2 Multiflora Mixture

- A brilliant dwarf compact mixture of separate colors blended in the proper proportion for a colorful effect. The plants have the hybrid vigor and uniformity.
 $\frac{3}{32}$ oz. 30c, $\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 90c, $\frac{1}{2}$ oz. \$1.50, oz. \$5.00.

GIANT PANSIES

Best Market Strains

Seed of strong vitality of
the latest crop harvest.

Color Carnival F2 Hybrid

Equal to and in some respects better than the finest Swiss originators' strains. Flower size exceedingly large, plants are compact yet vigorous. The blooms are blotched, giving depth of color and brilliancy. A magnificent color range heavy on the reds and scarlets. Originator's seed.

Tr. Pkt. \$1.00, $\frac{1}{8}$ oz. \$1.75, $\frac{1}{4}$ oz. \$3.00, $\frac{1}{2}$ oz. \$5.50, oz. \$18.00.



SUPERB SWISS GIANTS

Our strain an F2 generation hybrid

This magnificent strain is now further improved with hybrid vigor, depth of color and heat resistance. Plants uniformly compact, blooms waved and frilled and include the rich dark as well as bright colors.

Tr. Pkt. 50c, $\frac{1}{8}$ oz. 80c, $\frac{1}{4}$ oz. \$1.50, $\frac{1}{2}$ oz. \$2.75, oz. \$9.00, $\frac{1}{4}$ lb. \$27.00.

SEPARATE COLORS OF SWISS GIANTS.

Alpenglow. Rich garnet or mahogany red.

Pure White. Largest flowered white.

Coronation Gold. Finest clear golden yellow.

Thunersea. Rich blue with dark center.

Raspberry Rose. Soft pink with deeper rose blotches.

Any above—Tr. Pkt. 50c, $\frac{1}{8}$ oz. 80c, $\frac{1}{4}$ oz. \$1.50, $\frac{1}{2}$ oz. \$2.75, oz. \$9.00.

Amsterdam Early Giants. Excellent for the plant grower, flowering extra early. Large flowers in a full color range.

$\frac{1}{2}$ oz. 35c, $\frac{1}{8}$ oz. 60c, $\frac{1}{4}$ oz. \$1.50, $\frac{1}{2}$ oz. \$2.00, oz. \$6.00.

Steele's Jumbo. Originator's strain. Immense blooms in an exquisite color blend.

Tr. Pkt. \$1.00, $\frac{1}{8}$ oz. \$1.90, $\frac{1}{4}$ oz. \$3.40, $\frac{1}{2}$ oz. \$6.10, oz. \$16.55.

Letherman's Exhibition Mixture. A much finer mixture than the comparatively low price would indicate. Immense brightly colored bloom.

$\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 90c, $\frac{1}{2}$ oz. \$1.65, oz. \$5.00.

SALPIGLOSSIS

Emperor Finst Mixed. $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 55c, oz. \$1.75.



St. John's Fire

SALVIA

Domestic seed from a source that has always provided us with seed of excellent germination.

Fireball or Scarlet Pygmy.

Combines extra early bloom with dwarf (10 to 12 inch) growth.

$\frac{1}{8}$ oz. \$1.00, $\frac{1}{4}$ oz. \$1.75, $\frac{1}{2}$ oz. \$3.00, oz. \$9.00, $\frac{1}{4}$ lb. \$30.00.

America or Globe of Fire. 15-18 inches tall.

$\frac{1}{8}$ oz. 45c, $\frac{1}{4}$ oz. 75c, $\frac{1}{2}$ oz. \$1.25, oz. \$4.00, $\frac{1}{4}$ lb. \$13.00.

Bonfire or Clara Bedman. 18-20 inches tall.

$\frac{1}{8}$ oz. 45c, $\frac{1}{4}$ oz. 75c, $\frac{1}{2}$ oz. \$1.25, oz. \$4.00, $\frac{1}{4}$ lb. \$13.00.

***St. John's Fire.** Very early, free blooming. 10-12 in.

$\frac{1}{8}$ oz. 60c, $\frac{1}{4}$ oz. \$1.10, $\frac{1}{2}$ oz. \$2.00, oz. \$7.50, $\frac{1}{4}$ lb. \$23.00.

Splendens. Original scarlet sage. 30 inches tall.

$\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 70c, $\frac{1}{2}$ oz. \$1.25, oz. \$3.75, $\frac{1}{4}$ lb. \$11.00, lb. \$35.00.

Farinacea, Blue Bedder. Best blue Salvia. Lavender blue on good stems for cutting. 2½-3 ft. tall.

$\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 70c, $\frac{1}{2}$ oz. \$1.25, oz. \$4.00.

SCABIOSA

Giant Hybrid Mixture. A large flowered strain of all the better colors.

$\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, oz. \$1.50.

SCHIZANTHUS

Dr. Badger's strain. Large flowered in brilliant colors. Plants compact 12-15 inches.

$\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 65c, $\frac{1}{2}$ oz. \$1.25, oz. \$4.00.

STOCKS FOR OUTDOOR GROWING

Early Cascade Mixed. Adapted for outdoor growing.

Much earlier flowering than the greenhouse types, the plants are 20" tall with long spikes of double flowers.

$\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, $\frac{1}{2}$ oz. 90c, oz. 3.00.

SWEET PEAS

CUTHBERTSON FLORIBUNDA STRAIN

This strain is replacing the regular Cuthbertsons and Spencers as they produce more flowers per stem, and they are extremely vigorous, long stemmed and heat resistant, blooming over a longer period.

Cuthbertson Floribunda. A Finest Mixed Improved.

$\frac{1}{2}$ oz. 25c, oz. 40c, $\frac{1}{4}$ lb. \$1.20, lb. \$3.60.

ANNUAL SWEET WILLIAM

Midget-Wee Willie

A distinctly new strain, ultra dwarf, 4 to 6 in. and compact in habit, making it an ideal edging plant. The single flowers are about $\frac{3}{4}$ in. in diameter, borne in clusters of 4 to 6. They are self colored, zoned and edged in combinations of crimson, ruby, rose, pink and white. The first flowers are produced early when plants are only 2 inches high. Peak bloom is reached in 7 to 8 weeks after planting.

$\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 85c, $\frac{1}{2}$ oz. \$1.50, oz. \$4.50.

THUNBERGIA, Black Eyed Susan

Alata Mixed. Yellow, buff and orange flowers with black centers. A fine trailing vine for porch boxes.

$\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 55c, oz. \$1.80.

TORENIA, Fournieri Blue. A nice dwarf pot or bedding plant. Flowers deep blue with violet blotch on lip.

Tr. Pkt. 50c, $\frac{1}{8}$ oz. \$1.25, $\frac{1}{4}$ oz. \$2.25.

VERBENAS



Verbena Rainbow—Note type of growth

NEW MULTIFLORA VERBENAS

The New Multiflora or Improved Hybrid Grandiflora group, formerly called Bush Verbenas. These are spreading plants but vastly improved as they carry blooms all over the plant, leaving no hollow spot in center.

Firelight. Brilliant solid red, without eye.

Roselight. Rose with white eye.

Salmon Queen. Salmon with cream eye.

Snow White. Best pure white.

Starlight. Rich blue with cream eye.

Any above— $\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 70c, $\frac{1}{4}$ oz. \$1.20, oz. \$3.60.

Ideal Florists Strain. The earliest to bloom. Dwarf compact plants in splendid bright color assortment.

$\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 70c, $\frac{1}{4}$ oz. \$1.20, oz. \$3.60, $\frac{1}{4}$ lb. \$10.80.

Sparkle. Dwarf compact habit and extremely free flowering. Sparkle is well named, the bright red intensified by the large white eye.

$\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 70c, $\frac{1}{4}$ oz. \$1.20, oz. \$3.60.

***Rainbow Dwarf Upright Mixed.** Early, blooming in the flats, so excellent for growers' bedding plant trade. Good color mixture.

$\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 70c, $\frac{1}{4}$ oz. \$1.20, oz. \$3.60, $\frac{1}{4}$ lb. \$10.80.

PANO-DRENCH

Controls "Damp-off"

One teaspoonful in 3 gallons of water applied to the soil in the flats 24 hours before sowing the seed, almost completely eliminates the damping off of seedlings. The 4-oz. bottle makes 72 gallons of drench, enough for 150-200 flats.

1 oz. bottle \$1.95, 4 oz. \$5.95, 16 oz. \$19.20. Postpaid.

VINCA ROSEA

Very satisfactory outdoor bedding plants, even in hot, dry weather. Sow seed about Feb. 1st with bottom heat.

Rosea Mixed. Pink, crimson, white, and white with red eye. About 15 inches tall.

$\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 55c, oz. \$1.75.

Coquette Little Pinkie. A new dwarf variety (about 10 inches). Free flowering, rose pink, with glossy, deep green leaves.

$\frac{1}{16}$ oz. 45c, $\frac{1}{8}$ oz. 75c, $\frac{1}{4}$ oz. \$1.35, oz. \$4.00.

Little Bright Eyes. Pure white with contrasting rose eye.

$\frac{1}{16}$ oz. 80c, $\frac{1}{8}$ oz. \$1.40, $\frac{1}{4}$ oz. \$2.50, oz. \$7.50.

FINEST ZINNIAS



Giant Hybrid Mixed Zinnias

NEW ZINNIA—FIRECRACKER

1963 Silver Medal Winner

The first of a new group of F1 Hybrid Zinnias with huge (5 to 6 in.) flowers of pure red with scarlet undertones with informal quilled petals. Blooms are very profuse on vigorous 30 in. mildew resistant plants.

Tr. Pkt. \$1.00, $\frac{1}{16}$ oz. \$2.25, $\frac{1}{8}$ oz. \$4.00, $\frac{1}{4}$ oz. \$7.00, oz. \$21.00.

Merry-Go-Round. Cactus and semi-cactus type with bi-colored flowers 3-4 in. in diameter. Bushy plants 15-18 in. tall.

$\frac{1}{16}$ oz. 30c, $\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 80c, oz. \$2.50.

GIANT HYBRID CACTUS VARIETIES

RED MAN—All-America for 1962

Brilliant Red Zinnia with very large cactus type flowers 5-6 inches across, 18-20 inches tall. Stems sturdy for cutting.

1/16 oz. 75c, $\frac{1}{8}$ oz. \$1.25, $\frac{1}{4}$ oz. \$2.25, oz. \$7.25

Blaze. Uniformly bright scarlet-orange.

Eskimo. Creamy white, changing to pure white.

Floradale Scarlet. Scarlet-red.

Ice Cream. A very pretty shade of cream.

Riverside Beauty. Glowing salmon-pink.

Sunny Boy. Bright buttercup yellow.

Prices on all above:

$\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 65c, oz. \$2.25, $\frac{1}{4}$ lb. \$7.50.

Giant Hybrids Mixed. An outstanding mixture of the above and other distinct shades.

$\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 55c, oz. \$1.75, $\frac{1}{4}$ lb. \$5.25, lb. \$15.00.

Dark Jewels Mixture. The darker rich shades of Giant Cactus type with just enough whites to liven the mixture.

$\frac{1}{8}$ oz. 45c, $\frac{1}{4}$ oz. 80c, oz. \$2.50, $\frac{1}{4}$ lb. \$7.50.

Treasure Island Mixture. New strain with hybrid vigor growing about 3 ft. tall with very large fluffy informal flowers in a wide range of colors.

$\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 65c, oz. \$2.00, $\frac{1}{4}$ lb. \$6.00.

Miss Universe. Largest of all Zinnias with deep, full, Dahlia type flowers. Excellent for bedding, with dwarf, bushy, compact plants.

$\frac{1}{8}$ oz. 30c, $\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 80c, oz. \$2.40, $\frac{1}{4}$ lb. \$7.20.

Chrysanthemum or Super Fantasy. Curled and quilled.

$\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.50, $\frac{1}{4}$ lb. \$4.50.

DAHLIA FLOWERED ZINNIAS

Including best colors of California Giants

Canary Bird, Yellow	Illumination, Rose
Crimson Monarch.	Lavender Dream
Exquisite. Light rose.	Oriole, Orange and Gold
Golden Dawn. Gold.	Purity, Best White
Willmott, Soft Pink	Purple Prince

Eldorado, Soft, attractive salmon-apricot.

Any color— $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.50, $\frac{1}{4}$ lb. \$4.50.

Dahlia Flowered Gold Medal Mixed. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.20, $\frac{1}{4}$ lb. \$3.60, lb. \$12.00.

California Giant Mixed. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.20, $\frac{1}{4}$ lb. \$3.60, lb. \$12.00.

ZINNIA THUMBELINA

Awarded Gold Medal in All-America Trials

The first real dwarf Zinnia with plants only 6 inches high. The bloom starts very early, which favors plant sales from flats or other containers. Flowers are fully double, 1. in or more in diameter, in a good color range.

$\frac{3}{8}$ oz. 85c, $\frac{1}{8}$ oz. \$1.50, $\frac{1}{8}$ oz. \$2.75, $\frac{1}{4}$ oz. \$5.00, oz. \$15.00. See color plate on back cover.

Ortho Polka. The same beautiful lively color combinations as present in Peppermint Stick, but the Ortho-Polkas are much improved and much larger. Colors are extremely varied.

$\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 65c, oz. \$2.00, $\frac{1}{4}$ lb. \$6.00.



Lilliput Finest Mixed. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.35, $\frac{1}{4}$ lb. \$4.00, lb. \$12.00.

Cupid Mixed. Dwarfed, smaller flowered than Lilliputs. $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.50, $\frac{1}{4}$ lb. \$4.50.

ZINNIA—OLD MEXICO

Greatly improved over the original Mexican type in size of flowers and coloring and uniform plant growth. The double flowers average $2\frac{1}{2}$ inches; are bi-colored deep red overlaid with golden yellow.

$\frac{1}{16}$ oz. 75c, $\frac{1}{8}$ oz. \$1.25, $\frac{1}{4}$ oz. \$2.25, oz. \$7.25.

PERENNIAL SEEDS

We suggest spring sowing for Perennial Seeds, whenever possible. Germination is quicker and strong in cool weather and your plants get a better start, many blooming the first summer.

ALYSSUM Saxatile Compactum. The golden yellow "Basket of Gold". 1 ft. high. Flowers freely in May. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.20.

AQUILEGIA - COLUMBINE

Superb Long Spurred Hybrids. Exceptionally beautiful mixture of colors, all gracefully long spurred. We believe this strain is the very best.

$\frac{3}{8}$ oz. 35c, $\frac{1}{8}$ oz. 60c, $\frac{1}{8}$ oz. \$1.10, $\frac{1}{4}$ oz. \$2.00, oz. \$6.00.

McKana's Giant Hybrids. Very showy with extra large long spurred flowers.

$\frac{3}{8}$ oz. 35c, $\frac{1}{8}$ oz. 60c, $\frac{1}{8}$ oz. \$1.10, $\frac{1}{4}$ oz. \$2.00.

BELLIS—Double English Daisy

Monstrosa Red Monstrosa Rose Monstrosa White
Tubulosa Etna. Deep red.

Any color— $\frac{1}{8}$ oz. 60c, $\frac{1}{8}$ oz. \$1.10, $\frac{1}{4}$ oz. \$2.00, oz. \$6.00.

Monstrosa Double Mixed.

$\frac{1}{8}$ oz. 50c, $\frac{1}{8}$ oz. 90c, $\frac{1}{4}$ oz. \$1.75, oz. \$5.00.

New English Daisy "Red Buttons"

An extremely attractive novelty with small button-like flowers fully double with quilled petals. Flowers fully cover the very dwarf plants. A fine basket sale flower.

Red Buttons

White Buttons

Pink Buttons

Mixed Buttons

Any above — Tr. Pkt. 75c, $\frac{1}{8}$ oz. \$1.25, $\frac{1}{8}$ oz. \$2.25.

CAMPANULA—Canterbury Bell

Calycanthema. Cup and Saucer Mixed. Biennial.

$\frac{1}{8}$ oz. 45c, $\frac{1}{4}$ oz. 80c, oz. \$2.40.

CANDYTUFT—IBERIS

Sempervirens. White. Provides a wealth of white flowers in late May. Plants 1 ft. high.

$\frac{1}{8}$ oz. 40c, $\frac{1}{8}$ oz. 60c, $\frac{1}{4}$ oz. \$1.00, oz. \$3.00.

CARNATION — HARDY

Grenadin Mixed Colors. Best of the hardy or biennial Carnations for this area.

$\frac{1}{8}$ oz. 45c, $\frac{1}{8}$ oz. 85c, $\frac{1}{4}$ oz. \$1.50, oz. \$5.00.



THE FINEST DELPHINIUMS

PACIFIC GIANT

Unsurpassed for
supreme beauty.

Our orders are always filled with the latest available crop seed and with reasonable care should get excellent germination. Delphinium seed germinates better in 50 to 60 degree temperature than higher.

Seed started in the green house in January or February, the plants set out in spring will give a good crop of flowers that summer.

Black Knight. Deep violet blue, dark bee.

Blue Bird. Clear medium blue, white bee.

Galahad. Glistening white, white bee.

Guinevere. Light rosy lavender, white bee.

King Arthur. Dark violet, white bee.

Summer Skies. Clear light blue, white bee.

Any above—Tr. Pkt. 60c, $\frac{1}{8}$ oz. \$1.00, $\frac{1}{8}$ oz. \$1.90, $\frac{1}{4}$ oz. \$3.50, oz. \$12.00.

Astolat. Lavender, pink and rose shades.

Tr. Pkt. 75c, $\frac{1}{8}$ oz. \$1.25, $\frac{1}{8}$ oz. \$2.25, $\frac{1}{4}$ oz. \$4.25.

Pacific Giant Hybrids Mixed. The Round Table Series, an improved formula blend.

Tr. Pkt. 50c, $\frac{1}{8}$ oz. 90c, $\frac{1}{8}$ oz. \$1.60, $\frac{1}{4}$ oz. \$3.00, oz. \$10.00.

DAISY—SHASTA

Alaska. Large white flowers on 2½ ft. plants. July bloom.
⅛ oz. 30c, ¼ oz. 50c, oz. \$1.50.
Double Deiners Strain. Variable double, semi-double and singles. Best double grown from seed.
⅜ oz. 40c, ⅞ oz. 70c, ⅛ oz. \$1.25, ¼ oz. \$2.00, oz. \$6.00.

DIANTHUS PLUMARIUS—Hardy Pinks

Spring Beauty Semperflorens. (Scoticus). Extra double florists strain, mixed colors. Plants 1 ft. high.
⅞ oz. 40c, ⅛ oz. 75c, ¼ oz. \$1.25, oz. \$4.50.

DIGITALIS—FOXGLOVE

Excelsior Hybrids. Finest strain mixed colors. Biennial.
⅞ oz. 35c, ⅛ oz. 60c, ¼ oz. \$1.00, oz. \$3.00.

GAILLARDIA GRANDIFLORA

Plants 3 ft. tall with excellent stems for cutting.
Dazzler. Golden yellow with maroon centers.
⅛ oz. 30c, ¼ oz. 50c, oz. \$1.75.
Monarch Finest Mixed.
⅛ oz. 30c, ¼ oz. 50c, oz. \$1.75.

GYPSOPHILA—Hardy Baby's Breath

Double Snow White.
⅞ oz. 45c, ⅛ oz. 80c, ¼ oz. \$1.50, oz. \$4.50.
Single White.
¼ oz. 25c, oz. 90c, ¼ lb. \$3.00.

HOLLYHOCK

Chater's Double Mixed. All shades.
⅛ oz. 35c, ¼ oz. 65c, oz. \$2.00, ¼ lb. \$6.00.

LATHYRUS, ODORATUS—

⅛ oz. 30c, ¼ oz. 55c, oz. \$1.80.

LINUM, PERENNE, Perennial Blue Flax.

¼ oz. 25c, oz. 75c.

LUPINE POLYPHYLLUS

Russell Strain. The finest strain of perennial Lupines.
⅛ oz. 35c, ¼ oz. 60c, oz. \$2.00, ¼ lb. \$6.00.

MYOSOTIS—Forget-me-not

Alpestris Victoria Dwarf Varieties. Plants 5 to 6 in., full of bloom. The best strain for basket trade.

Azure Blue Indigo Deep Blue
Rose White

Any above—⅞ oz. 40c, ⅛ oz. 70c, ¼ oz. \$1.25, oz. \$4.00.

Alpestris Victoria Dwarf Mixed.

⅞ oz. 35c, ⅛ oz. 60c, ¼ oz. \$1.10, oz. \$3.75.

POPPY—Hardy sorts.

ORIENTAL SCARLET.

⅞ oz. 30c, ⅛ oz. 50c, ¼ oz. 80c, oz. \$2.40.

ORIENTAL Hybrids. Shades of pink and red.

⅞ oz. 30, ⅛ oz. 50c, ¼ oz. 90c, oz. \$3.00.

PLATYCODON Grandiflora Blue.

⅞ oz. 50c, ⅛ oz. 90c, ¼ oz. \$1.65, oz. \$5.00.

PRIMULA POLYANTHUS

Colossea Superb Mixed. Extra fine large flowered.
⅜ oz. 60c, ⅞ oz. \$1.00, ⅛ oz. \$1.75, ¼ oz. \$3.25.

PYRETHRUM—Painted Daisy

Robinson's Giant Hybrids. Very fine colors of singles.
⅞ oz. 35c, ⅛ oz. 60c, ¼ oz. \$1.10, oz. \$3.20.

Superb Double Mixed. Good colors and producing a large percentage of doubles. Flowers are better and more doubled the second year.

⅞ oz. 70c, ⅛ oz. \$1.25, ¼ oz. \$2.25, oz. \$7.50.

SWEET WILLIAM—Dianthus Barbatus

Single Mixed. Large flowered.
⅛ oz. 30c, ¼ oz. 50c, oz. \$1.50.

Double Mixed.

⅛ oz. 35c, ¼ oz. 60c, oz. \$2.00.

Dwarf Single Alpine Mixed

The finest uniformly dwarf strain for basket sales
⅞ oz. 40c, ⅛ oz. 75c, ¼ oz. \$1.25, oz. \$4.50.

VIOLA CORNUTA

Arkwright Ruby. Rich crimson and terra cotta.

Chantreyland. The best large flowered apricot.

Admiration. Large dark blue.

Blue Perfection. Medium clear blue.

Lutea Splendens. Bright yellow.

White Perfection. Pure white.

Any above — ⅜ oz. 35c, ⅞ oz. 50c, ⅛ oz. 90c,
¼ oz. \$1.65, oz. \$5.00.

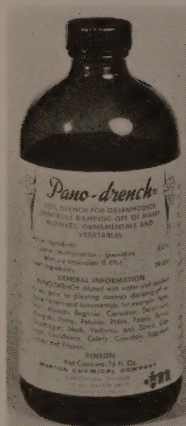
Large Flowered Mixed. Blended of the better varieties.
⅞ oz. 50c, ⅛ oz. 80c, ¼ oz. \$1.50, oz. \$4.50.



VIOLA TOYLAND F2 HYBRID

Huge, rich 2-inch blooms gracefully waved and freely produced on sturdy, compact plants. Includes pure colors and combinations of mahogany, red, gold, blue, purple, violet, and white.

⅞ oz. 80c, ⅛ oz. \$1.50, ¼ oz. \$2.50, oz. \$7.50.



PANO-DRENCH

Controls "Damp-off"

One teaspoonful in 3 gallons of water applied to the soil in the flats 24 hours before sowing the seed, almost completely eliminates the damping off of seedlings. The 4-oz. bottle makes 72 gallons of drench, enough for 150-200 flats.

1 oz. bottle \$1.95, 4 oz. \$5.95,
16 oz. \$19.20, Postpaid.

MORTON'S SOIL DRENCH

A concentrated fungicidal solution containing Mercury. After diluting with water use as a soil drench, dip or spray to control various diseases such as "damping off", Fusarium Wilt, Curvularia on Gladioli and certain others. Use on flowers, shrubs, flower bulbs and other ornamentals. Also on vegetables only as a pre-emergence soil drench and only when seedlings are to be transplanted to untreated soil later.

Ask for Technical Bulletin for complete directions. Soil Drench C does essentially the same job as Pano-Drench but is more economical for extensive operations.

1 gal. bottle \$15.95, 5 gal. steel drum @ \$14.95 per gal. Prepaid.

SOIL FUMIGANTS AND NEMATOCIDES

For control of Nematodes, soil fungi and weeds and weed seeds.

We will be glad to supply more complete directions for efficient use of any of these materials.

VAPAM SOIL STERILANT

Controls some nematodes and eliminates many weeds early in the season, as well as checking many soil-borne diseases such as those caused by Rhizoctonia and various species of Fusarium and Pythium.

Vapam is useful as a preplanting treatment for seed beds and potting soils, and in eliminating all vegetation from areas of poor turf in preparation for reseeded. It should not be applied within 3 feet of any living plant, nor used in any confined space or greenhouse where plants are growing.

For general use one gallon with adequate water for coverage will treat 400 sq. ft.

1 gal. can \$3.95; 5 gal. drums @ \$3.60 gal.; 30 gal. drums @ \$3.20 gal. FOB Canton. Subject to change. Full freight is allowed on orders for Vapam amounting to \$100.00 or more or a weight of 240 lbs. or more. 5 gal. Dr. weighs 54c lbs., 30 gal. Dr. weighs 325 lbs.

NEMAGON—DBCP or DCP

To control root-knot and various other nematodes. Relatively non-toxic to human beings and may safely be used near many ornamental plants and fruits without harm to their roots. In most cases treatment should be made 2 to 3 weeks before planting.

Nemagon Liquid 70. 2 gallons contain 1 gallon actual. 1 gal. \$14.00; 5 gal. @ \$13.75 gal.; 30 gal. @ \$13.50 gal.

Nemagon Granular. Please ask for prices.

PANO-BROME C.L.

98% Methyl-Bromide plus 2% Chloropicrin (same formulation as Dowfume MC2)

Will control various nematode species, many insects such as grubs and cutworms, some soil-borne diseases, and will kill most of the weed seeds that may be present in the soil. It is applied under a gas proof covering and confined 24 to 48 hours.

Treated areas may be used for seeding or for transplanting 2 to 3 days after the confining cover is removed.

1 lb. can 90c; 5 or more cans @ 85c ea.; full case 24 cans @ \$19.20 per cs.

Jiffy Applicators with 10 ft. Saran Tubing \$4.80

MICO-FUME (Mylone 25D)

For use in controlling annual and perennial weeds and weed seeds, grasses, nematodes and soil fungi. It is ideal for treating seed beds and for treatment of potting soils. Being toxic to all growing plants it should not be applied closer than 3 to 4 ft. or inside the drip line of trees.

3 lb. bag \$3.25; 20 lb. bag \$10.50;
5 bags or more @ \$10.00 ea.

VORLEX SOIL FUMIGANT

A complete liquid 4 way soil fumigant killing—

Soil fungi that cause wilts, damping off; root rots and other diseases.

Nematodes. Most damaging kinds.

Weeds and Weed Seeds. Annual and perennial.

Soil Insects. White grubs, wireworms, symphylids, etc.

Vorlex can be applied closer to living plants than most fumigants; is active in soils as cold as 40° F and tarping as a seal is not essential.

Ask for complete instructions and tables of quantities to use.

16 oz. (5 quart) \$12.35, 6 gal. dr. @ \$8.95 per gal., 30 gal. dr. @ \$8.65 per gal., 55 gal. dr. @ \$8.50 per gal.

An Excellent Soil Fungicide

TERRACLOR—PCNB FUNGICIDE

Valuable for vegetables and ornamentals to control various diseases caused by soil-inhabiting fungi.

While Terraclor does not control all disease organisms it is very effective against many of the most common, and it may be mixed with other fungicides, such as Captan and Zineb for more complete control.

Terraclor 75% Wettable Powder. 5 lb. bag \$4.50—Case 10/5 lbs. @ 85c lb.

Terraclor 20% Dust. 50 lb. bags @ 27c lb.

Terraclor Emulsion. 1 gal. cans @ \$3.50 gal.; 5 gal Dr. @ \$3.25 gal. (Contains 2 lbs. active per gal.)

BEST..

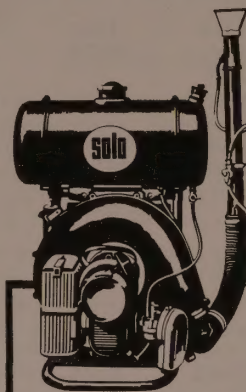
for weed



for insect



for plant
disease
control



FASTER than
by hand
LESS COSTLY than
by truck

POWER BACKS YOU
in this

MISTBLOWER "SOLO"

SOLO MISTBLOWER

May be used for either spraying or dusting with very efficient results. Power driven, it is well balanced to carry on the back without undue effort weighing about 27 lbs. The engine is 3½ H.P.; the spraying tank is 2½ gal. of unbreakable and dent resistant hard plastic. It may be changed to a dusting machine in a few seconds simply by mounting the Solo Fix Duster.

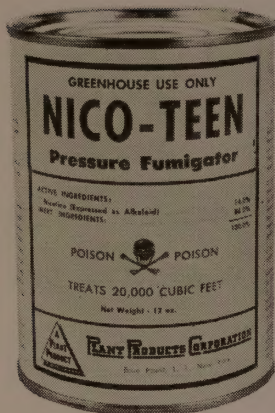
Prices are as follows — F.O.B. Canton

Solo Port with diffuser nozzle, spraying only	\$279.00
Solo Fix for dusting only	284.00
Solo Combine for both spraying and dusting	298.00
Additional Tank (specify for spray or dust)	15.00
Additional Granular Tank	18.00
Double Nozzle	9.00

SOLO HAND SPRAYER

Well designed, light in weight and simple to operate. The tank capacity is 2½ gals. made of translucent plastic for lightness and you can see the level of the liquid from a scale on the side. The tank is easily filled and a rubber diaphragm makes it impossible for the liquid to spill out. The spraying tube has a quick closing valve, so no spray material is wasted. An extension pipe is included for use in spraying tall plants.

Price F.O.B. Canton \$24.95.



GREENHOUSE

SMOKE FUMIGATORS

Prices are FOB Canton or Blue Point, Long Island, transportation allowed on 6 cases or more one kind or assorted.

Nico-teen Pressure Fumigators.

Easy to use and effective for control of aphids, green and black fly, most thrips and midge.

Size	Ea.	12
10M cu. ft.	\$.75	\$ 7.25
20M cu. ft.	1.25	11.75

15% Tedium Fumigators for resistant mites

Size	Case Pack	Each	Case
10,000 cu. ft.	12	\$1.20	\$12.00
20,000 cu. ft.	12	1.70	18.00

Plantfume 103—15% Dithio Fumigator.

For control of red spider mites, thrips, soft brown scale, aphids and mealy bugs.

Size	Case pack	Each	Doz.	Case
5,000 cu. ft.	36	\$.45	\$4.50	\$12.00
20,000 cu. ft.	12	1.50		12.00

Tedium-Dithio Fumigator.

Controls resistant red spider mites, aphids, white fly mealy bugs, thrips and soft brown scale.

Size	Case pack	Each	Case
10,000 cu. ft.	12	\$1.50	\$15.00
20,000 cu. ft.	12	2.40	26.00

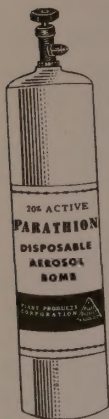
Thiodan Fumigators

Thiodan gives control of green Chrysanthemum Aphid and White Fly which are becoming resistant to other insecticides.

Size	Case Pack	Each	Case
10,000 cu. ft.	12	\$1.20	\$12.00
20,000 cu. ft.	12	1.70	18.00

Plant Mildew Fumigators. Contains 15% Karathane.

Size	Case Pack	Each	Case
10,000 cu. ft.	12	\$1.10	\$10.50
20,000 cu. ft.	12	1.50	15.75



GREENHOUSE AEROSOL BOMBS

Disposable Type — No Deposit

By using the new 4 lb. double strength in the disposable cylinders you save up to 25% on your requirements. 2 lb. bombs treat 200,000 cu. ft., 4 lb. bombs treat 400,000 cu. ft.

Aramite Aerosols 30%. For red spider mite and other mite control on ornamentals.
2 lb. bomb \$12.00; 4 lb. bomb \$20.80.

Aramite-Lindane Aerosols. 30% Aramite with 2% Lindane.
2 lb. bomb \$12.50; 4 lb. bomb \$21.60.

Dithio Aerosols 10%. Tetraethyl Dithio pyrophosphate. For control of resistant spider mites, aphids, white fly and some species of mealy bugs and thrips.
2 lb. bomb \$9.00; 4 lb. bomb \$15.75.

Malathion Aerosols 30%. (Plant Malathion). For control of many insects on both vegetables and ornamentals.
2 lb. bomb \$9.00; 4 lb. bomb \$15.75.

Parathion Aerosols 20%. (Planthion).
2 lb. bomb \$9.00; 4 lb. bomb \$15.75.

Prices are FOB Canton or Blue Point, Long Island, freight prepaid on 12—4 lb. or 24—2 lb. bombs.

CYANOOGAS G

Greenhouse Fumigant to control aphids, white fly, thrips, soft scale and mealy bugs and rodents.

5 lb. can \$4.75.

For Greenhouse Crop Protection Tedion - Miticide

New mite control, one application effective over a long period as it kills eggs as well as hatched mites. Safe to use for both operator and plants. Widely used also for outdoor crops.

Tedion 90 Greenhouse Spray. A new package of concentrate especially designed for greenhouse use. Leaves practically no residue on blossoms or leaves. Use at rate of ¼ lb. to 100 gals. water, 1½ teaspoonful per gallon.

1 lb. can \$7.60 postpaid. Case of 12—1 lb. cans @ \$86.40 per case, F.O.B. Canton.

Tedion 25% WP. 2 lb. bag \$3.50 F.O.B. Canton.

Miscellaneous Insecticides

Aramite 15% W.P. Excellent control for red spider mites.

4 lb. bag \$3.60.

DDT 50% W.P. 4 lb. bag \$1.28.

Dibrom 8 lb. Emulsion

Very effective control of most all insects that bother greenhouse plants. The vapor penetrates every inch of greenhouse space. Simple to use by spraying or painting on the pipes, then turning on the heat. Work can be done in the green house within a few hours after using as it leaves no hazard. Gal. \$25.00.

Endrin 1.6 Emulsion. One of the most effective controls for Cyclamen mite on all ornamentals.

Qt. \$3.25; gal. \$9.10. (Express shipment only).

Kelthane W.P. Use it 2 lb. in 100 gals. water for effective mite control. 4 lb. bag \$4.00.

Lindane 25% W.P. For aphid control on plants or as a soil drench for root aphids.

1 lb. can \$1.90; 4 lb. can \$6.40.

Malathion 25% W.P. One of the best of all insect controls for red spider, scale, aphids, mealy bugs and thrips.

5 lb. bag 3.10.

Malathion-5-Emulsion. 4 oz. bottle \$1.00; Pt. \$2.25; Qt. \$3.50; gal. \$9.75.

Parathion "8" EC. (8 lbs. actual per gal.) in unbreakable quart plastic containers with a scale printed on it by fluid ounces and with a "no drip" opening so that it can be easily and safely poured out in measured quantities. This concentrate, without solvents, is the safest to use from the damage to plants standpoint.

Qt. bottle \$5.50, gal. \$18.00, FOB Canton. This material cannot be shipped by parcels post.

Parathion 15% W.P. Good control for white fly, aphids and many other insects.

2 lb. bag \$1.10; 3 lb. \$1.65. (Express shipment only).

Rotenone 4% WP. 4 lb. bag \$2.30.

Systox. A systemic insecticide which gives long residual action for controlling Aphids, Mites, Leaf-Hoppers. Gal. \$22.15.

Thiodan. Excellent control for Rose and Chrysanthemum Aphids, Thrips and White Fly on many ornamentals. Recommended also for greenhouse tomatoes and cucumbers if not used within 7 days of harvest.

Thiodan 50% WP. 2 lb. bag \$4.20; 5 lb. bags \$10.50.

Thimet. A phosphate systemic applied as a granular powder to the soil for control of Aphids, Thrips, and Red Spider.

Thimet 10% Granular. 50 lb. bags @ 36c lb.

Vapatone-Tepp. Effective against mites and aphids and many other insects. Gal. \$10.50. (Express only).

Ortho Spreader Sticker. Pint \$1.35; gal. \$7.25.

DuPont Spreader Sticker. Pint \$1.50; gal. \$8.95.

BUG-GETA METALDEHYDE PELLETS

Metaldehyde-Arsenical in pellet form, easy to broadcast for control of slugs, snails, cutworms. Requires only 10 to 12 pellets per square yard.

1 lb. 50c, 2½ lbs. \$1.00.

FORMALDEHYDE LIQUID

For control of Onion Smut use 1½ gallons with 100 gallons of water per acre, applied in the seed row.

Gallon cans \$2.95, F.O.B. Canton.

Fungicides

Captan-Orthocide-50% W.P. Controls leaf diseases, root rot, rust and black spot. 1 lb. can \$1.80; 4 lb. bag \$3.00.

Fermate-Ferbam. Controls most fungus diseases. ½ lb. can 80c; 3 lb. bag \$1.95.

Manzate-Maneb. Outstanding for black spot and other fungus diseases. 3 lb. bag \$2.85.

Phaltan (Folpet). New control for black spot and mildew. 5 lb. bag \$5.25.

Streptomycin. An antibiotic for control of bacterial spots, rots and blights. 8 oz. jar \$6.50.

Sulfur Micronized Wettable. 5 lb. bag 80c.

Terraclor 75% W.P. Soil fumigant and fungicide. For soil drench one pound in 100 gals. of water to treat 400 sq. ft. of bench. 5 lb. bag \$4.50.

Zineb-Parzate Dry. Controls a wide variety of plant diseases. 3 lb. bag \$2.55.

SEED AND BULB PROTECTANTS

New Improved Ceresan. A highly effective dip treatment for control of bulb rot of Gladioli and other bulbs. 1 lb. \$1.75

Ceresan M. Seed treatment for small grains, peas and sugar beets and tomato seed. 14 oz. \$1.40; 3 lbs. \$4.50.

Semesan. For treatment of vegetable and flower seeds and bulbs. Stimulates plants, prevents "damping off." 4 oz. \$2.00, 12 oz. \$4.95.

Arasan 75. For treatment of vegetable seed, lawn seed and bulbs. 1 oz. 50c, 8 oz. \$1.30, 2 lbs. \$4.00.

Spergon. For Alfalfa, Clovers, Beans, Peas, Sweet Corn. 5 ozs. \$1.00, 1 lb. \$2.50, 5 lb. bag \$10.00.

Phygon XL. For Beets, Corn, Peas, Pepper and Spinach. 2 oz. pkt. 85c, 1 lb. \$2.50.

Spergon Gladiolus Dust. Narcissus, Iris and Lily bulbs. 2 oz. 50c, 1 lb. \$2.00, 5 lb. \$6.25.

Isotox Seed Treater F. Controls seed and soil-borne diseases and many soil insects. 4½ oz. pkg. \$1.35, 1 lb. \$3.45.

Orthocide 75 Seed Protectant. 75% Captan to control vegetable seed rots and a leading seed potato treatment. 1 lb. \$2.60.

ROOTING HORMONES

Imp. Rootone with Fungicide. Now contains the three best Hormones for rooting cuttings with the addition of indole butyric acid. The fungicide controls damping off and the other soil-borne diseases. 2 oz. jar \$1.10, 1 lb. can \$4.50.

Rootone No. 10. More than twice the regular strength and recommended for starting rooting plants such as Arbor Vitae, Cypress, Fir, Hawthorne, Jap Cedar, Oak, Pine, Rhododendron, Spruce and Yew. Especially effective on Azalea, Camellia, and Rhododendron. 2 oz. jar \$2.00, 1 lb. can \$9.00.

Transplantone. The hormone-vitamin starter which prevents wilt and loss when transplanting. 3 oz. can \$1.10, 1 lb. can \$3.50.

FRUIT SET HORMONES

Fruitone. Use on outdoor tomatoes for earlier crop, more and bigger tomatoes. Spray blossoms once a week for first few weeks after blooming starts. Fruitone is also effective on Lima and String Beans.

2 oz. can \$1.10, 12 oz. can \$4.50.

Tomato Set. For spraying greenhouse tomatoes to increase blossom set, increasing the crop of meatier solid fruit. One quart will treat an acre of plants.

8 oz. bottle \$2.00, qt. \$5.00.

SEQUESTRENE 330 Fe IRON CHELATE

For correction of Iron deficiencies in Azaleas, Roses, Rhododendrons and other Ornamentals, turf and fruit trees. Its rapid action in alkaline or slightly acid soils makes it superior to other Chelates. Apply in dry form for watering in or as a soil drench. For foliage application use only prior to fruit set on edible plants. For soil application in nursery or greenhouse use 2 to 4 ounces per 100 sq. ft. A complete leaflet is yours for the asking.

4 oz. can 95c, 1 lb. can \$2.50.

Quickly Soluble Plant Foods

Nutri-leaf "60". A soluble concentrate for foliage or soil application. Analysis 20-20-20 with trace elements derived from Chelated (EDTA) Magnesium, Manganese, Iron, Copper and Zinc, Boron and Molybdenum. A wetting agent for glossy leaf surface is already added.

5 lb. bag \$1.60, case of 10-5 lb. bags \$14.00, 25 lbs. bag \$6.75, 5 or more 25 lb. bags @ \$6.50 bag. F.O.B. Canton.

VHPF Starter 6-25-15 analysis plus minor elements and hormones.

3 lb. bag 90c, case 10-3 lb. bags \$7.50, 25 lbs. @ 24c lb.

START-RITE Starter Solution. 10-52-8 analysis including trace elements. Use 3 lbs. in 50 gals. water.

3 lb. bag 75c, case of 20-3 lb. bags \$13.20, 50 lb. bag \$10.50, F.O.B. Canton.

RA-PID-GRO. 23-21-17 analysis with trace elements and vitamins.

5 lb. \$3.50, 25 lb. bag \$12.75, 4 or more @ \$12.50 ea.

Nutro Crystals 23-21-14. Completely soluble for root or foliar feeding.

1 lb. jar 75c, 25 lb. bag \$6.50.

SOIL CONDITIONERS

German Peat—7½ cu. ft. Prices on request.

Canadian Peat in colored paper bales with Polyethylene lining is also carried in 7½ cu. ft., 6 cu. ft. and 4 cu. ft. and smaller sizes for growers use or for resale.

Ask for prices in 10 bale to truck load quantities.

Vermiculite. Used for mixing with potting or flat soil.

4 cu. ft. bag \$1.95 ea. Ten or more @ \$1.85 each, FOB Canton.

Perlite or Perlome. Horticultural grade. Bag \$2.25, 10 bags @ \$2.15.

Sphagnum Moss. Fine grade widely used as a layer over the soil in germinating seeds as it aids in preventing "damping off".

2½ bu. bags (about 12 lbs.) \$3.10; 3 bags or more @ \$3.00 each. FOB Canton.



AGRI-TOX RESPIRATOR

Agri-Tox meets the recommendations of the U. S. Dept. of Agriculture for protection against harmful agricultural chemicals such as insecticides, fungicides, herbicides, seed treatment, etc. It is furnished with six part R490 dust filters and two #11A chemical cartridges to provide 8 hours (continuous or accumulated) protection. Easy replacement of filters and cartridges.

Illustration Respirator with Monogoggles

Agri-Tox Respirator	\$6.50 each
Part R491 Cartridge-Filter Package (4 #11A Cartridges—8 part R490 Filters)	3.45 box
Part R553 Filters (box of 10)	1.20 box
#11D Cartridges (box of 4)	2.50 box

WIG G3FD4GREENHOUSE MASK

Widely used by greenhouse growers, both vegetable and floral, for handling concentrated pesticides usually applied in aerosol form. It is recommended for use also wherever spray materials are being mixed indoors. The 750 cc. canister provides a full two hours protection (continuous or accumulated) against TEPP, HEPT, Parathion, OMPA and similar poisons.

Packed in cardboard carton	\$43.00 each
G3FD Replacement Canister (750 cc.)	\$4.85 each

MONOGOGGLES For Eye Protection

#201—Clear lens, ventilated frame	\$1.92 each
#202—Clear lens, unventilated frame	1.92 each
#207—Green lens, ventilated frame	2.08 each

DUST RESPIRATOR

For nuisance dusts, fertilizer and grain dusts, cement dust, ashes, etc. Keeps out paint spray particles. Do not use with toxic agricultural chemicals. Furnished with adjustable head band, twelve replaceable filters and one washable cotton facelet for sanitary use.

2 D Dust Respirator \$2.29.

Box of 25 Dust filters for replacement (X-2AX) 40c.

Box of 12 No. 2 Cotton Facelets 85c.

RUBBER BANDS

New Open Ring Type—Easier, quicker to handle. Prices quoted here on small lots and of course are subject to change. Write for quotations on large lots.

All natural rubber. Sizes 8, 12, 16 and 30.

1 lb. boxes @ \$1.50 lb., 5 lb. bags for \$7.25.

TY-BANDS

For holding lids on baskets.

1 lb. boxes @ \$1.00 lb., 5 lb. bags for \$4.50.

CELERY RUBBER BANDS

Red or Blue for Celery or Asparagus.

Sizes 1 3/4"x 1/8", 1 lb. boxes @ \$1.55 lb., 5 lb. bags for \$7.50

CAULIFLOWER RUBBER BANDS

Sizes 4 1/2"x 1/8". Red, green, yellow or blue 5 lb. bag \$4.50.

CELERY TAPE

Red and Blue No. 13 for tying machines.

1 to 9 rolls @ \$2.00 — 10 or more rolls @ \$1.90.

THE SCARE-AWAY



Eliminates
Crop Damage
from Birds
and Wildlife.

Fully Automatic
Set and service
once a day.

The machine produces fully automatic, harmless thunder clap explosions at regular or irregular intervals. Rugged, heavy duty units operate inexpensively on carbide and water. Set and service only once a day with a 1 to 2 lb. load of carbide. Full directions are supplied so that you can regulate its fire as often as twice a minute or as infrequent as once every 30 minutes. One machine protects up to 20 acres.

New Improved Model M2 Scare-Away Machine, without carbide \$65.00 FOB Canton.

Also operates with Acetylene Gas

POT LABELS

Per 1000	Plain	Painted
4 inch	\$3.20	\$3.95
5 inch	3.45	4.30
6 inch	3.80	4.75
8 inch	5.50	7.00
10 inch	6.75	8.50

6 in. Pot Labels printed with variety name at 60c per 100 (minimum). Example "Tomato Rutgers."

GARDEN STAKES

	Plain		Painted	
	Per 100	Per 1000	Per 100	Per 1000
12"x1 1/8"	\$1.80	\$16.50	\$2.20	\$19.00

COPPER WIRED TREE LABELS

3 1/2"x 5/8" Painted per 1000, \$4.90

UTILITY TWIST-EMS

For Vegetable and Flower Growers—Nurserymen and Florists. Prices per 1000 based on individual quantities of each length. They are packed 250 per bundle.

Length	1,000 to 4,000	5,000 to 24,000	25,000 to 99,000	100,000 or more
7-inch	\$1.60	\$1.40	\$1.30	\$1.16
8-inch	1.75	1.55	1.45	1.30
16-inch	3.20	3.00	2.90	2.60

HOT KAPS

6 in. high, 11 inch diameter at base.

250 with setter for	\$ 7.50
1000 Kaps	23.80
5000 Kaps	22.80 per 1000
10,000 Kaps	21.80 per 1000
Steel Setter	each 2.15

KING SIZE HOT KAPS

9 1/2 in high, 11 in. diameter at base.

Case of 500	\$15.85
King Size Setter Steel	3.75



VITA-BANDS



VITA POTS

BIRD VITA BANDS FOR 1962

The Nutrient-Treated Plant Bands

Contains roots to transplant stage, avoiding transplanting shock, getting earlier maturity. Bands are nutrient saturated.

Vita-Band #10 for growing periods of 8 to 10 weeks for annual vegetable and flower plants.

Vita-Band H for perennials and long term crops.

Size	H Band		#10 Band	
	Case Pack	Per 1000	Case Pack	Per 1000
1½ x 1½ x 2½			2000	\$ 5.05
1¾ x 1¾ x 2½	1000	\$ 6.55	2000	5.40
2 x 2 x 2½	1000	6.95	2000	5.65
2 x 2 x 3	1000	8.15	2000	6.20
2½ x 2½ x 3	1000	8.70	2000	6.70
3 x 3 x 3	1000	9.15	1000	7.45
4 x 4 x 3	500	11.25	1000	9.65
4 x 4 x 4	500	13.75	500	12.00

Above prices in case lots only. In lots of 10,000 or more, one or assorted size, deduct 20c per 1000.

RED FIBER POTS FOR SHIPPING

For shipping only. Protects root ball from breaking. Light weight.

Size	Weight per case	Number in case	Per 100	Per 1000
2 Inch	20 lbs.	2000	\$1.25	\$9.90
2¼ Inch	24 lbs.	2000	1.25	9.90
2½ Inch	32 lbs.	2000	1.35	10.00
3 Inch	44 lbs.	2000	1.40	10.55
3½ Inch	32 lbs.	1000	1.80	13.90
4 Inch	42 lbs.	1000	2.00	16.90
5 Inch	33 lbs.	500	2.60	20.90
6 Inch	47 lbs.	500	3.10	25.70

BLACK VITA POTS FOR GROWING

Contains root growth for long periods and are nutrient saturated to feed plants.

Size	Case Pack	Per 1000	Per Case	Per 100
2 Inch	1000	\$16.05	\$16.05	\$ 1.85
2¼ Inch	1000	16.45	16.45	1.90
2½ Inch	1000	17.05	17.05	2.00
3 Inch	1000	19.15	19.15	2.25
4 Inch	500	28.25	14.13	3.25
5 Inch	500	36.75	18.38	4.00



PERENNIAL POTS

BIRD PERENNIAL POTS

Strong, light weight, inexpensive. Use of these pots prolong your selling season on perennials, bulbs, shrubs, roses. They come completely assembled, with solid stapled bottoms. Hard coating inside and out adds to their durability. Openings in bottom allow for drainage.

Sizes as below measured by height. All sizes packed 200 per case.

	Case of 200	Per M
Height 5", Top Diameter 8", Bottom Diameter 7"	\$13.50	\$65.00
Height 5½", Top Diameter 5", Bottom Diameter 4"	10.00	47.50
Height 6½", Top Diameter 6", Bottom Diameter 4½"	12.30	58.50
Height 9½", Top Diameter 7", Bottom Diameter 5½"	14.50	69.00

3 cases or more at 1000 rate.

SELF-SERVICE PLASTIC TRAYS

Designed and made by a practical grower.

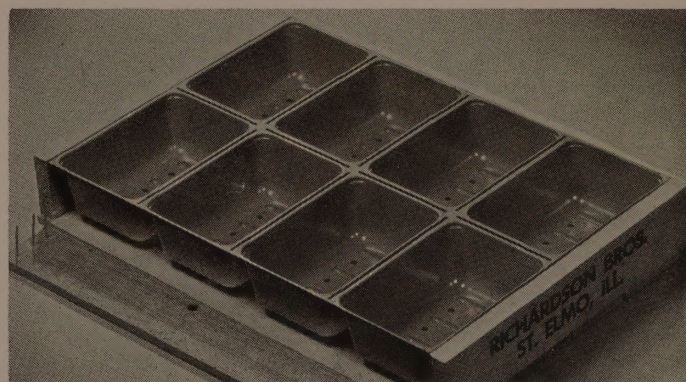
The plastic unit is made up of 8 trays lightly joined at the corners and easily separated when plants are ready for sale. The unit of 8 trays fits perfectly in a No. 1 flat of 14x20x2¾ inches. **Individual Trays are 5x7x2¾"**. Trays are attractive and fungus resistant and will not harm the delicate roots of plants.

The flats, of course, are not included in the price of the trays packed 50 units of 8 which is 400 trays in a case.

Prices F.O.B. Canton

1 to 9 Cs. (400 trays ea.)	\$16.00	Cs. (4c per tray)
10 to 24 Cs. (400 trays ea.)	\$15.20	Cs. (3.8c per tray)
25 or more (400 trays ea.)	\$14.40	Cs. (3.6c per tray)

Weight per case 18 lbs.

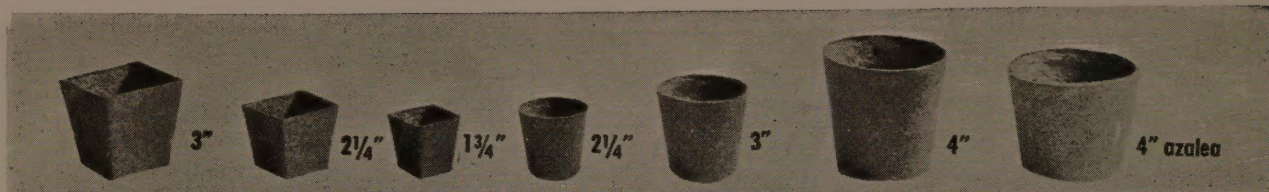


EXTRA HEAVY PLASTIC TRAYS

Size 5x7½x2¼ in. Holds 6—2¼ in. Square Peat Pots. Nearly straight sides, just tapering to bottom for nesting.

1 to 4 cartons of 250 @	\$13.00 ea.
5 to 9 cartons of 250 @	\$12.75 ea.
10 or more cartons of 250 @	\$12.50 ea.

F.O.B. Canton Weight per carton 40 lbs.



The great value of Peat Pots, both to the grower and to the planter, has been well proven by the production of better plants and better crops.

Jack Pots are extremely well made as to ingredients of peat, balanced chemical plant foods and exact uniformity of full dimensions.

JACK POT®

THE STURDIER PEAT POT

Freight allowed on 150 lbs. or more.
Smaller orders are FOB Canton
you can combine sizes to take advantage of the 10 to 25 carton rate.
Special Discounts from Schedule
For orders of —
\$1,500 — 2% \$3,000 — 3%
\$4,500 — 4% \$6,000 — 5%
For broken cases add 10%.

"Jack Pot" Standard Thin-Line

Recommended to growers for the production of plants which require a minimum of handling and for situations where easy root penetration is desirable, where the growing period is short and where costs must be held to a minimum. They differ from Sturdiwall in wall thickness only and are fully equal to other standard lines offered.

Size	Case Pack	Case Weight	Price per M Case Lots	Price per Case
1 3/4" Sq.	3000	28 lbs.	\$ 7.60	\$22.80
		10 cases @	7.25	21.75
		25 cases @	6.90	20.70
2 1/4" Rd.	3000	35 lbs.	7.95	23.85
		10 cases @	7.60	22.80
		25 cases @	7.25	21.75
2 1/4" Sq.	2000	32 lbs.	9.10	18.20
		10 cases @	8.70	17.40
		25 cases @	8.30	16.60
3" Rd.	1000	22 lbs.	14.00	14.00
		10 cases @	13.35	13.35
		25 cases @	12.70	12.70
3" Sq.	1000	31 lbs.	16.90	16.90
		10 cases @	16.15	16.15
		25 cases @	15.40	15.40

PULLEN BAGASSE TRANSPLANTER POTS

Made from pure bagasse (sugar cane) fibers

They provide all the advantages of Peat and other Organic Pots plus improvements that mean healthier, sturdier and faster growing plants because of following points:

Faster Moisture Transfer. **Better Root Aeration.**
Easier Root Penetration. **Added Strength for Handling.**

Size	Case Pack	Case Weight	Prices Per 1000		25 Cs. and up
			1-9 Cs.	10-24 Cs.	
1¾" Sq.	3000	30#	\$ 7.60	\$ 7.25	\$ 6.90
2¼" Rd.	3000	35#	7.95	7.60	7.25
2¼" Sq.	2000	32#	9.10	8.70	8.30
3" Rd.	1000	22#	14.00	13.35	12.70
3" Sq.	1000	32#	16.90	16.15	15.40
4" Sq.	500	40#	38.18	35.00	30.59

Prices are F.O.B. Canton.

WOOD VENEER BANDS—STAPLED

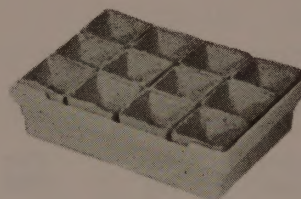
Price per 1000

Size	F.O.B. Canton	F.O.B. Dongola, Ill.	Weight Per 1000
2x2x2	\$6.70	\$6.20	35 lbs.
2x2x3	7.10	6.60	40 lbs.
2 1/2 x 2 1/2 x 3	8.00	7.00	43 lbs.
3x3x3	8:50	7.50	62 lbs.
4x4x4	9.90	8.70	70 lbs.

"Jack Pot" Extra Heavy Sturdi-Wall

Consists of the thicker walled high quality Jack Pots. They are for starting many bedding plants which require much handling and for nursery stock.

Size	Case Pack	Case Weight	Price per M Case Lots	Price per Case
2 1/4" Rd.	3000	39 lbs.	\$ 9.12	\$27.36
		10 cases @	8.69	26.07
		25 cases @	8.27	24.81
2 1/4" Sq.	2000	37 lbs.	11.45	22.90
		10 cases @	10.87	21.74
		25 cases @	10.34	20.68
3" Rd.	1000	26 lbs.	15.79	15.79
		10 cases @	15.00	15.00
		25 cases @	14.25	14.26
3" Sq.	1000	39 lbs.	20.03	20.03
		10 cases @	19.03	19.03
		25 cases @	18.07	18.07
4" Rd.	500	31 lbs.	31.00	15.50
Standard or Azalea		10 cases @	29.50	14.75
		25 cases @	28.00	14.00



Tray 1734

Holds 12—1 3/4 in. sq.

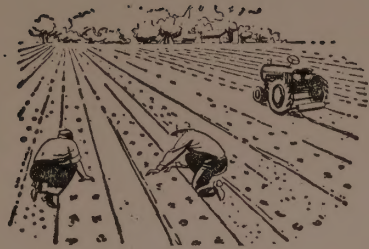
Jack Pots

Jack Pot Trays in Bulk

Made of sturdy, lightweight polystyrene in eye catching citron yellow.

Number	Case Weight	Description Holds	Trays in Carton	Price 1-2 Ctns. @
1723-B	26 lbs.	6 1 3/4" Sq.	500	\$24.45
			3 ctns. @	22.45
			20 ctns. @	19.95
1734-B	16 lbs.	12 1 3/4" Sq.	200	13.78
			10 ctns. @	12.78
			50 ctns. @	11.78
2223-B	15 lbs.	6 2 1/4" Sq.	200	11.90
			10 ctns. @	11.10
			50 ctns. @	10.30
3023-B	30 lbs.	6 3" Sq.	200	31.98
			10 ctns. @	31.18
			50 ctns. @	29.98
1726-B	38 lbs.	12 1 3/4" Sq.	200	38.55
(with saucer)			10 ctns. @	37.35
			50 ctns. @	36.15

The above prices are for Trays only. Pots not included.



POLYETHYLENE FOR 1000 USES

Prices are subject to change and are FOB Canton. Add postage, otherwise we ship collect.

This material is valuable to growers in many ways in the various weights and sizes as listed below. Use as **fumigant barriers**, for **mulching of row crops**, for **temporary greenhouses** or **greenhouse repairs**, for **hot bed and cold frame covers**. Polyethylene also has other agricultural and industrial uses, such as machinery covers, tarpaulins, balling nursery stock and protection of valuable plants in winter, silo covers, etc.

Where weight of rolls and length permit, we will ship by parcel post if that costs less, charging you with postage.

In the price columns the letters **CO** mean material can be supplied in clear only. **B** means black only and **CB** means either clear or black is available. Unless otherwise specified we will supply clear material.

Light Weight .002 (2 mil.)

Can supply clear only.

Size	Weight	Sq. Ft.	Price per roll	5 or more @
4'2"x200'	9 lbs.	833	\$ 4.90	\$ 4.60
8'4"x200'	16 lbs.	1667	9 85	9.20
12'x200'	23 lbs.	2400	14.15	13.25

GAUGE .004 (4 mil.)—Standard

Size	Color	Weight	Sq. Ft.	Price per roll	5 or more @
3'x100'	CO	7 lbs.	300	\$ 3.55	\$ 3.30
4'x100'	CO	9 lbs.	400	4.70	4.40
6'x100'	CO	12 lbs.	600	7.00	6.65
8'x100'	CO	16 lbs.	800	9.45	8.85
10'x100'	CB	20 lbs.	1000	11.80	11.05
12'x100'	CB	23 lbs.	1200	14.15	13.25
14'x100'	CO	27 lbs.	1400	16.50	15.45
16'x100'	CB	31 lbs.	1600	18.85	17.70
20'x100'	CB	39 lbs.	2000	23.55	22.10
24'x100'	CB	47 lbs.	2400	28.30	26.50
28'x100'	CB	60 lbs.	2800	33.00	30.95
32'x100'	CB	75 lbs.	3200	37.70	35.35
40'x100'	CB	90 lbs.	4000	47.10	44.15

POLYETHYLENE MULCHING ROLLS

Holds moisture in the soil; stops weed growth. A lighter weight gauge.

Gauge is .0015 Mil. Black Material

Size	Weight	Sq. Ft.	Price per roll	5 or more @
3'x100'	5 lbs.	300	\$ 2.00	\$ 1.75
3'x500'	9 lbs.	1500	5.60	5.25
3'x1000'	23 lbs.	3000	11.25	10.55
4'x1000'	30 lbs.	4000	15.05	14.05

ULTRA-VIOLET INHIBITED FILM

A new type of transparent Polyethylene which incorporates a type of Ultra-Violet inhibitor. It permits the light and warmth of the sun to penetrate the greenhouse and at the same time prolongs the life of the film. It is expected to withstand two years or more of northern outdoor exposure with little loss of strength.

Gauge is .004 (4 Mil.)

Size	Weight	Sq. Ft.	Price Per roll
80"x100'	13 lb.	666	\$ 13.50
80"x200'	25 lb.	1332	26.50
80"x1000'	95 lb.	6666	96.50

GAUGE .006 (6 mil.)—Heavy

Size	Color	Weight	Sq. Ft.	Price per roll	5 or more @
3'x100'	CO	9 lbs.	300	\$ 5.30	\$ 5.00
6'x100'	CO	18 lbs.	600	10.60	9.95
10'x100'	CB	29 lbs.	1000	17.65	16.55
12'x100'	CO	34 lbs.	1200	21.20	19.80
14'x100'	CO	45 lbs.	1400	24.75	23.20
16'x100'	CB	46 lbs.	1600	28.30	26.50
20'x100'	CB	57 lbs.	2000	35.35	33.15
24'x100'	CB	69 lbs.	2400	42.40	39.75
28'x100'	CB	90 lbs.	2800	49.50	46.40
32'x100'	CB	100 lbs.	3200	56.55	53.00
40'x100'	CB	130 lbs.	4000	70.70	66.25

GAUGE .010 (10 mil.)—Extra Heavy

Size	Color	Weight	Sq. Ft.	Price per roll	5 or more @
20'x100'	CB	97 lbs.	2000	\$58.90	\$55.20
32'x100'	CB	187 lbs.	3200	94.25	88.35

POLYETHYLENE TAPE

For joining 2 sheets of film or in making repairs. The tape is made from 4 Mil. Polyethylene in rolls 2 inches wide and 100 ft. long. **Per roll \$4.45 ppd.**

Samples and prices on following available on request.

Nylon and Fiberglass Covers

For tarpaulins and other coverings, where strength and durability is required.

Silo Covers and Caps

Plastic Pond Liners

Equipment Covers

Polyethylene Bags

Ribbed Polyethylene Matting

The New Golden Polyethylene



Zinnia, Thumbelina - All America Gold Medal Winner

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